

# PONY

## Maths

### BOOK 2

#### Part 1



This book belongs to

.....

.....

By : Mohamed Nasreldin



# Introduction

## In this book :

### Your child will learn :

- Read and write numbers up to 999 .
- Comparing and ordering numbers up to 999 .
- Adding and subtracting 2-digit numbers up to 99
- Recognize 2-dimensional shapes.
- Recognize 3-dimentional shapes.
- Use the ruler to measure length.
- Read the time using analog clock and digital clock.





# Contents

## 1 CHAPTER

### STATISTICS

<b>Lesson 1:</b> The bar graph & pictograph .....	<b>4</b>
<b>Lesson 2:</b> The bar graph & pictograph .....	<b>10</b>

## 2 CHAPTER

### NUMBERS UP TO 999

<b>Lesson 1:</b> Ones , Tens and Hundreds .....	<b>17</b>
<b>Lesson 2:</b> Reading and writing numbers up to 999 .....	<b>25</b>
<b>Lesson 3:</b> The place – value .....	<b>32</b>
<b>Lesson 4:</b> Before and after .....	<b>39</b>
<b>Lesson 5:</b> Comparing two numbers .....	<b>45</b>
<b>Lesson 6:</b> Arranging the numbers up to 999 .....	<b>51</b>
<b>Lesson 7:</b> General Exercises .....	<b>55</b>

## 3 CHAPTER

### ADDING AND SUBTRACTING 2-DIGIT NUMBER

<b>Lesson 1:</b> Adding 2-digit numbers ( By regrouping ) .....	<b>61</b>
<b>Lesson 2:</b> Adding 2-digit numbers ( By ten components ) .....	<b>69</b>
<b>Lesson 3:</b> Subtraction by regrouping .....	<b>76</b>
<b>Lesson 4:</b> Word problems .....	<b>84</b>
<b>Lesson 5:</b> The relation between addition and subtraction .....	<b>90</b>

## 4 CHAPTER

### GEOMETRY AND MEASUREMENT

<b>Lesson 1:</b> Two-dimensional shapes .....	<b>95</b>
<b>Lesson 2:</b> Measuring length .....	<b>102</b>
<b>Lesson 3:</b> 3-dimensional shapes .....	<b>107</b>
<b>Lesson 4:</b> Mass .....	<b>113</b>
<b>Lesson 5:</b> Telling the time : - Analog clock .....	<b>119</b>
- Digital clock .....	<b>126</b>

### General Exercises

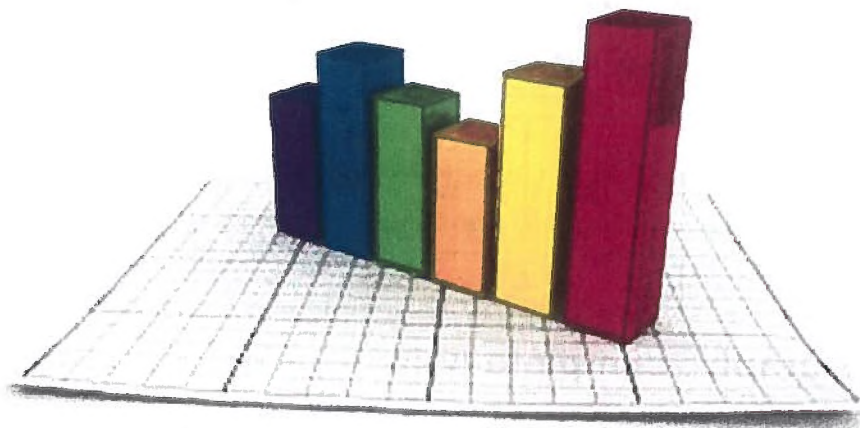
**136**

### Models

**151**



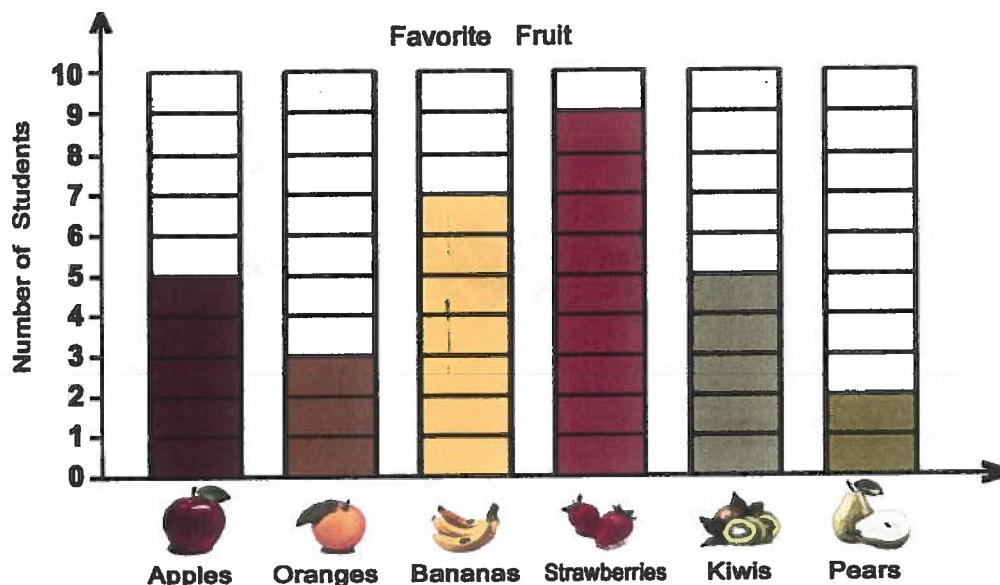
# Chapter 1








## STATISTICS

**Bar graph & Bictograph**

Look at the favorite fruit graph and then answer :



1) Complete the following table :

Favorite Fruit						
	Apples	Oranges	Bananas	Strawberries	Kiwis	Pears
Number of Students						

2) Use the bar graph : complete using  $<$ ,  $=$  or  $>$  :

- a) Number of students liked Apples  Number of students liked Kiwis
- b) Number of students liked Oranges  Number of students liked Bananas
- c) Number of students liked Pears  Number of students liked Strawberry

















3) Answer the questions:

- a) How many students liked oranges ? .....
- b) How many more students liked strawberries than pears ? .....
- c) How many students all together liked kiwis , apples and oranges ? .....
- d) Which fruit is liked the most ? .....
- e) Which fruit is liked the least ? .....



Look at the data in the pictograph and answer the questions:

### Favorite Pizza Toppings

Green Peppers							
Cheese							
Olives							
Mushrooms							

Key :  = 2 People

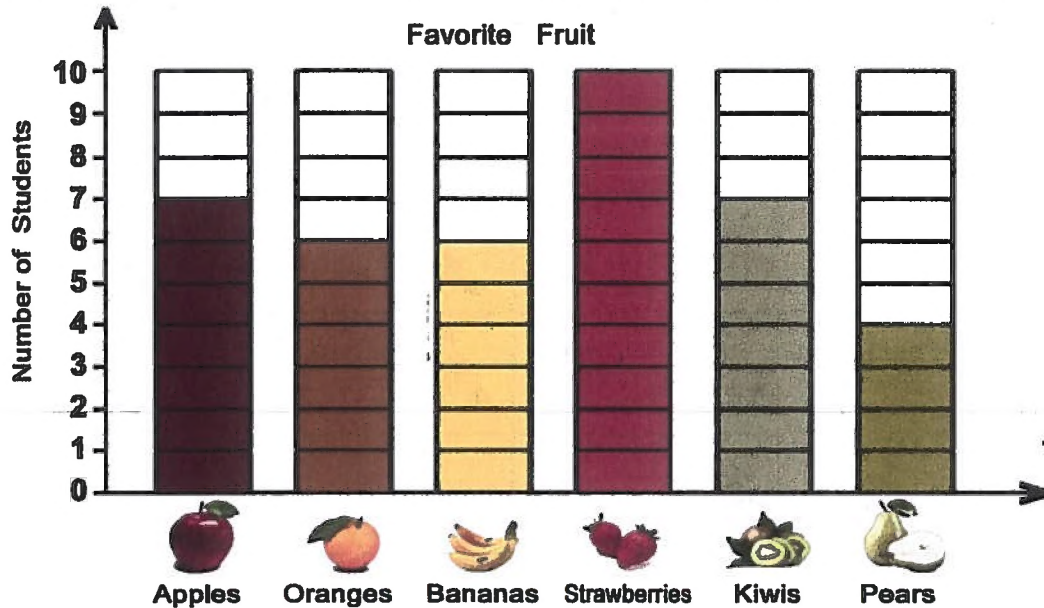
Complete the following table :

Favorite Pizza Toppings	Green Peppers	Cheese	Olives	Mushrooms
Number of people				







- How many people liked cheese **and** green peppers ?  
.....
- How many people liked cheese , green peppers **and** olives ?  
.....
- How many **more** people liked cheese **than** green peppers ?  
.....
- How many **fewer** people liked mushrooms **than** olives ?  
.....
- What is the **most** kind of pizza topping on this graph ?  
.....

# HOMWORK

Look at the favorite fruit graph and then answer :



1) Complete the following table :

Favorite Fruit						
	Apples	Oranges	Bananas	Strawberries	Kiwis	Pears
Number of Students						

2) Use the bar graph : complete usin  $<$  ,  $=$  or  $>$  :

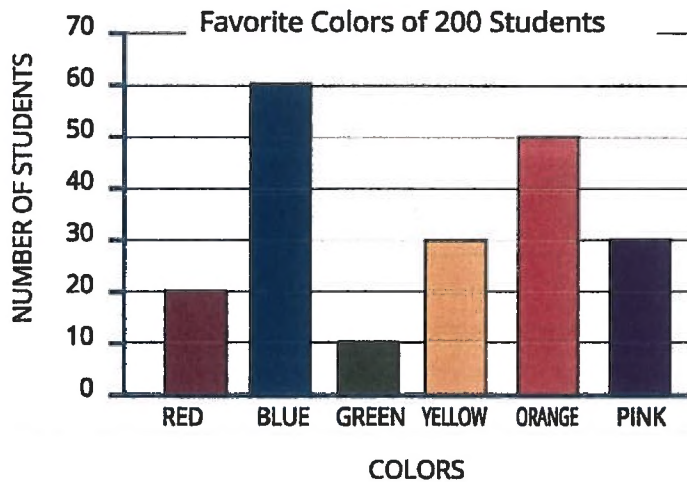
- a) Number of students liked Apples  Number of students liked Kiwis
- b) Number of students liked Oranges  Number of students liked Bananas
- c) Number of students liked Pears  Number of students liked Strawberry

3) Answer the questions:

- a) How many students liked oranges ? .....
- b) How many more students liked strawberries than pears ? .....
- c) How many students all togethr liked kiwis , apples and oranges ? .....
- d) Which fruit is liked the most ? .....
- e) Which fruit is liked the least ? .....



Look at the Favorite Colors graph and then answer questions about the data.



Colors	Number of students
RED	
BLUE	
GREEN	
YELLOW	
ORANGE	
PINK	

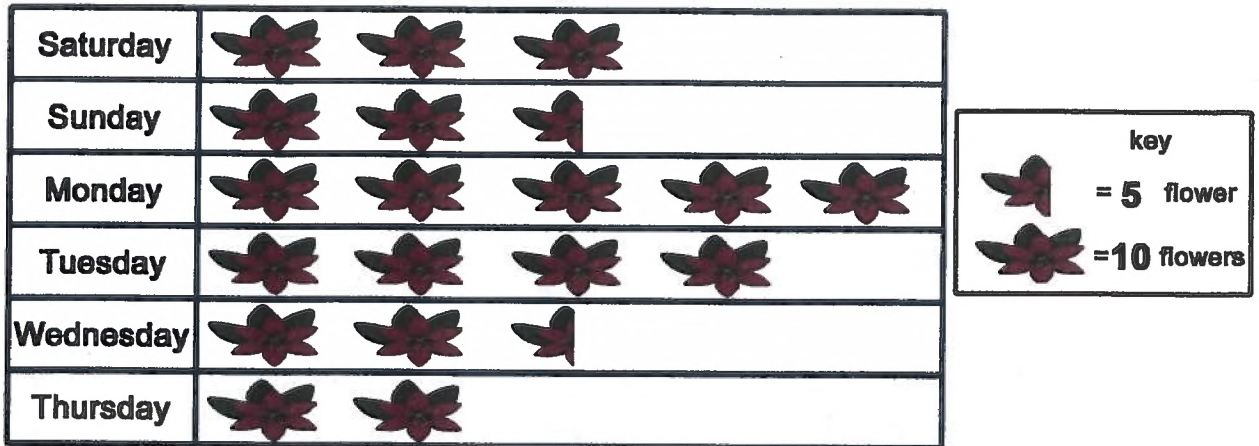
**Use the bar graph : complete using  $<$ ,  $=$  or  $>$  :**

- a) Number of students liked RED  Number of students liked GREEN
- b) Number of students liked BLUE  Number of students liked YELLOW.
- c) Number of students liked GREEN  Number of students liked ORANGE
- d) Number of students liked YELLOW  Number of students liked PINK
- e) Number of students liked ORANGE  Number of students liked BLUE
- f) Number of students liked PINK  Number of students liked RED

**Answer the questions:**

- a) How many people liked red best? .....
- b) How many people liked blue best? .....
- c) How many people liked green best? .....
- d) How many people liked yellow best? .....
- e) How many people liked orange best? .....
- f) How many people liked pink best? .....
- g) How many people liked pink and blue (pink + blue)? .....
- h) How many more people liked yellow than green (yellow - green)? .....
- i) How many people liked red and blue (red + blue)? .....
- j) How many more people liked blue than orange (blue - orange)? .....

Look at the Pick a Flower pictograph and then answer :



1) Complete the following table :

The day	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Number of flowers						

2) Use the bar graph : complete using  $<$ ,  $=$  or  $>$  :

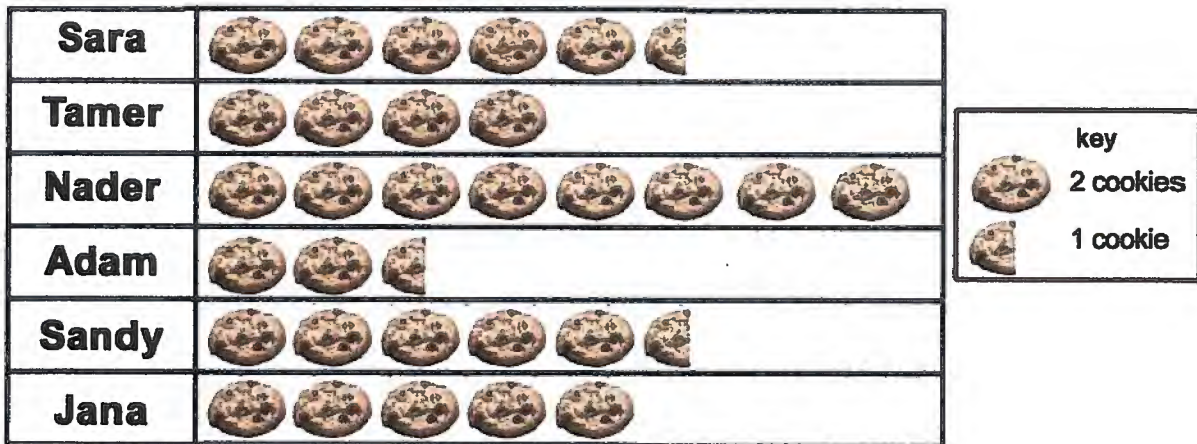
- |                                   |                      |                                |
|-----------------------------------|----------------------|--------------------------------|
| a) Number of flowers on Sunday    | <input type="text"/> | Number of flowers on Thursday  |
| b) Number of flowers on Saturday  | <input type="text"/> | Number of flowers on Sunday    |
| c) Number of flowers on Wednesday | <input type="text"/> | Number of flowers on Monday    |
| d) Number of flowers on Monday    | <input type="text"/> | Number of flowers on Wednesday |
| e) Number of flowers on Tuesday   | <input type="text"/> | Number of flowers on Saturday  |
| f) Number of flowers on Thursday  | <input type="text"/> | Number of flowers on Saturday  |

3) Answer the questions:

- How many flowers were picked on Monday ? .....
- How many flowers were picked on Tuesday ? .....
- How many more flowers were picked on **Saturday** than **Sunday** ? .....
- How many more flowers were picked on **Monday** than **Tuesday**? .....
- How many flowers were picked on **Wednesday** and **Monday** ? .....
- How many flowers were picked on **Thursday** and **Sunday** ? .....
- Which day had the **most** number of flowers picked ? .....
- Which day had the **least** number of flowers picked ? .....



Look at the pictograph and then answer :



1) Complete the following table :

Name	Sara	Tamer	Nader	Adam	Sandy	Jana
Number of Cookies						

2) Use the bar graph : complete using  $<$ ,  $=$  or  $>$  :

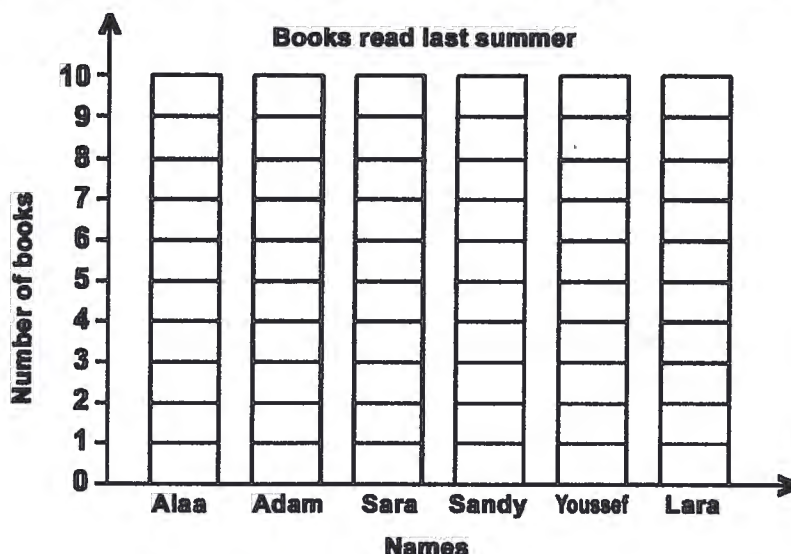
- |                                |                      |                             |
|--------------------------------|----------------------|-----------------------------|
| a) Number of cookies Sara ate  | <input type="text"/> | Number of cookies Tamer ate |
| b) Number of cookies Nader ate | <input type="text"/> | Number of cookies Adam ate  |
| c) Number of cookies Sandy ate | <input type="text"/> | Number of cookies Jana ate  |
| d) Number of cookies Tamer ate | <input type="text"/> | Number of cookies Sandy ate |
| e) Number of cookies Adam ate  | <input type="text"/> | Number of cookies Sara ate  |
| f) Number of cookies Sandy ate | <input type="text"/> | Number of cookies Sara ate  |

3) Answer the questions:

- How many cookies did Tamer eat ? .....
- How many cookies did Jana eat ? .....
- How many more cookies did Sara eat than Adam ? .....
- How many more cookies did Sandy eat than Jana ? .....
- How many cookies did Sara , Nader and Adam eat ? .....
- How many cookies did Tamer and Sandy eat ? .....
- Who did eat the **most** number of cookies ? .....
- Who did eat the **least** number of cookies ? .....

**LESSON 2** The bar graph & pictograph

Use the following table to complete the bar graph :



**Books read last summer**

Names	Number of books
<b>Alaa</b>	<b>8</b>
<b>Adam</b>	<b>6</b>
<b>Sara</b>	<b>4</b>
<b>Sandy</b>	<b>7</b>
<b>Youssef</b>	<b>2</b>
<b>Lara</b>	<b>4</b>

1) Use the graph to order the names who read the books from the least to the greatest :

.....

2) Use the bar graph : complete usin  $<$  ,  $=$  or  $>$  :

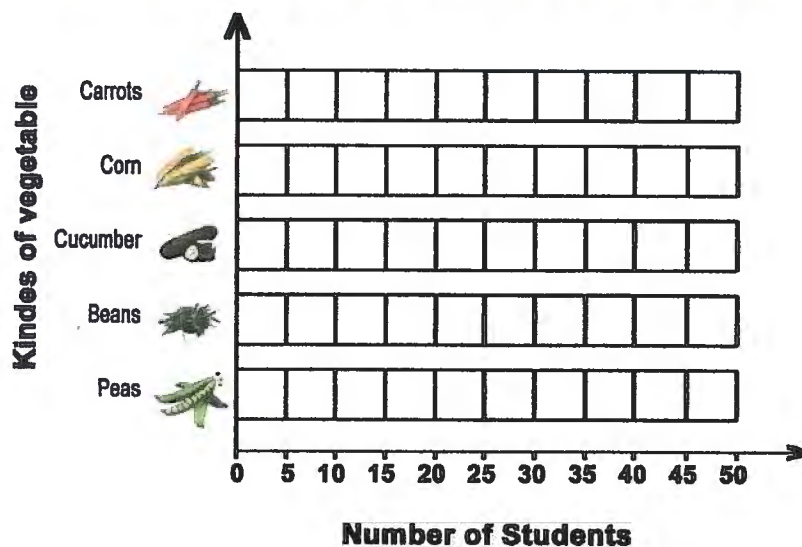
- a) Number of books that Alaa read  Number of books that Sandy read
- b) Number of books that Sara read  Number of books that Lara read
- c) Number of books that Yossef read  Number of books that Sandy read






Answer the questions:

- a) How many books did Sara read ? .....
- b) How many more books did Alaa read than Lara ? .....
- c) How many books all togethr did Sandy , Youssef and Adam read ? .....
- d) Who read the greatest number of books ? .....
- e) Who read the least number of books ? .....



Use the following table to complete the bar graph :



Favorite vegetable		
kind of vegetable		Number of Students
Carrots		15
Corn		30
Cucumber		45
Beans		10
Peas		30

1) Use the bar graph : complete using  $<$  ,  $=$  or  $>$  :

- a) Number of Students liked Carrots  Number of students liked Cucumber
- b) Number of Students liked Beans  Number of students liked Carrots
- c) Number of Students liked Corn  Number of students liked Peas

2) Answer the questions:















- a) How many students liked Carrots ? .....
- b) How many more students liked Corn than Peas? .....
- c) How many students all together liked Carrots , Beans and Corn ? .....
- d) Which vegetable is liked the most ? .....
- e) Which vegetable is liked the least ? .....



3) Use the bar graph to order the kinds of vegetables from the greatest to the least

..... , ..... , ..... , ..... , .....

**HOMEWORK**

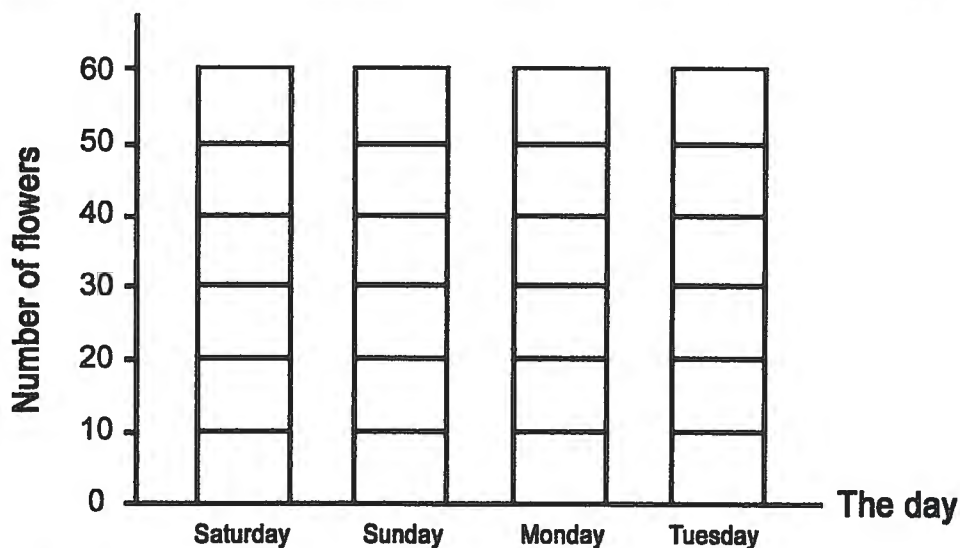
Look at the Pick a Flower pictograph and then answer :

Saturday	
Sunday	   
Monday	    
Tuesday	   

key	
	= 5 flower
	= 10 flowers

Complete the following table :

The day	Saturday	Sunday	Monday	Tuesday
Number of flowers				

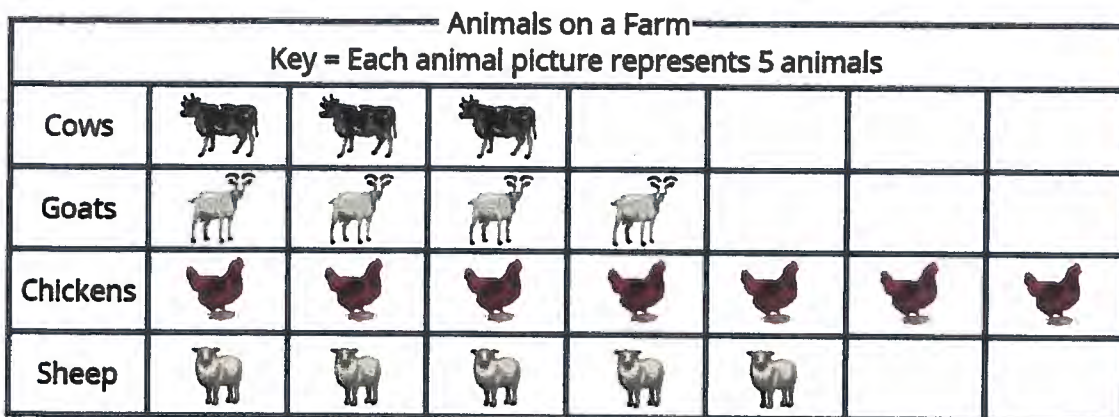


Answer the questions:

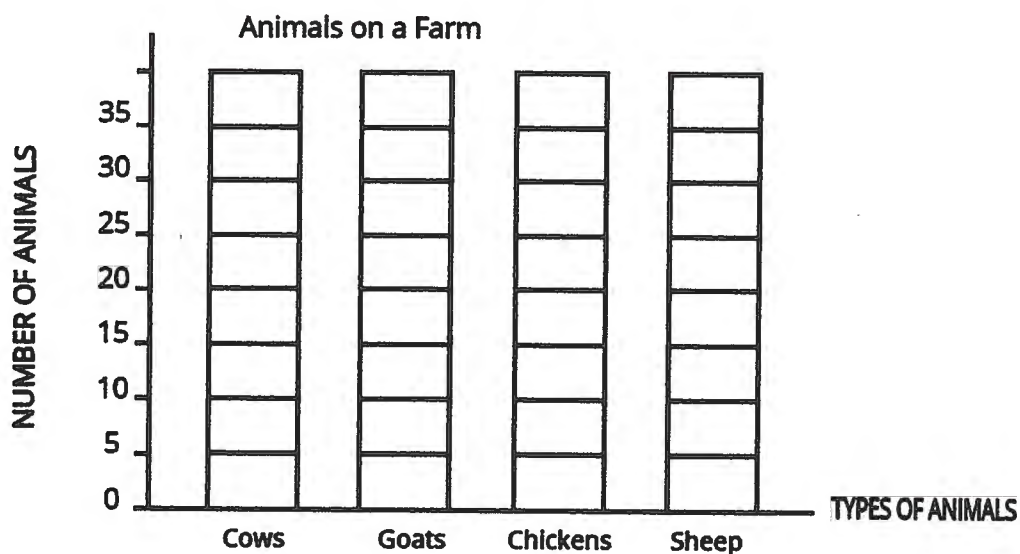
- How many flowers were picked on Tuesday ? .....
- How many more flowers were picked on Sunday than Saturday ? .....
- Which day had the most number of flowers picked ? .....
- Which day had the least number of flowers picked ? .....



Look at the animals on a farm pictograph then answer :



TYPES OF ANIMALS	Cows	Goats	Chickens	Sheep
NUMBER OF ANIMALS				

































How many cows are there on the farm ? .....



How many goats and chickens on the farm ? .....

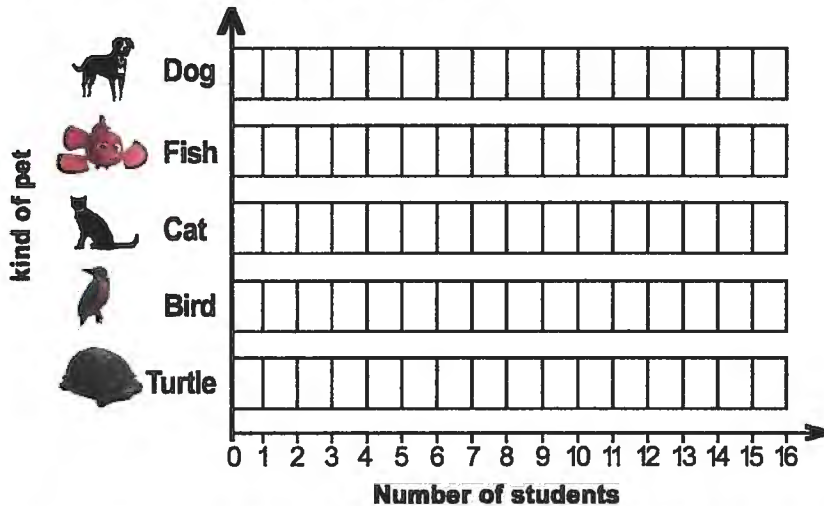
What is the most type of animals on the farm? .....

What is the least type of animals on the farm? .....

## Convert the same data from pictograph into a bar graph then complet the table

Dog		    
Fish		   
Cat		       
Bird		    
Turtle		  

key	
	2 students
	1 student



kind of pet	Number of students
Dog	
Fish	
Cat	
Bird	
Turtle	

### 1) Use the bar graph : complete usin $<$ , $=$ or $>$ :

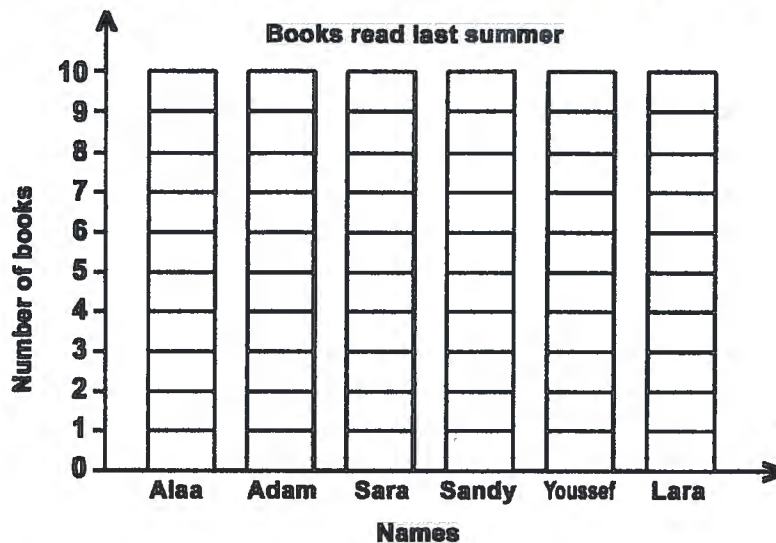
- a) Number of Students liked Dog  Number of students liked Bird
- b) Number of Students liked Fish  Number of students liked Turtle
- c) Number of Students liked Cat  Number of students liked Dog
- d) Number of Students liked Bird  Number of students liked Fish

### 2) Answer the questions:

- a) How many students liked Fish ? .....
- b) How many students liked Bird ? .....
- c) How many more students liked Cat than Bird ? .....
- d) How many more students liked Bird than Turtle ? .....
- e) How many students all togethr liked Dog , Fish and Cat ? .....
- f) How many students all togethr liked Cat , Bird and Turtle ? .....
- g) Which **pets** is liked the most ? .....
- h) Which **pets** is liked the least ? .....



Use the following table to complete the bar graph :



**Books read last summer**

Names	Number of books
<b>Alaa</b>	<b>7</b>
<b>Adam</b>	<b>2</b>
<b>Sara</b>	<b>8</b>
<b>Sandy</b>	<b>7</b>
<b>Youssef</b>	<b>6</b>
<b>Lara</b>	<b>4</b>

1) Use the graph to order the names who read the books from the least to the greatest :

..... , ..... , ..... , ..... , .....

2) Use the bar graph : complete usin  $<$  ,  $=$  or  $>$  :

- a) Number of books that Alaa read  Number of books that Sandy read
- b) Number of books that Sara read  Number of books that Lara read
- c) Number of books that Yossef read  Number of books that Sandy read

Answer the questions:

- a) How many books did Sara read ? .....
- b) How many more books did Alaa read than Lara ? .....
- c) How many books all togethr did Sandy , Youssef and Adam read ? .....
- d) Who read the greatest number of books ? .....
- e) Who read the least number of books ? .....

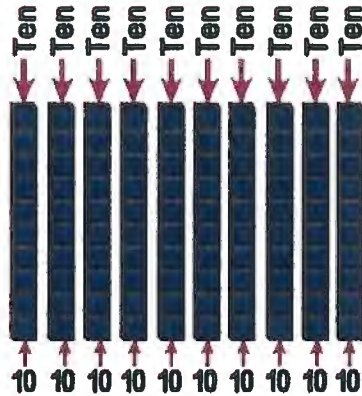
# Chapter 2

## **Numbers up to 999**



LESSON  
1

Ones , Tens  
and Hundreds



**10 Tens = 100**  
**One hundred**



**4 Hundreds**

+



**5 Tens**

+



**8 ones**

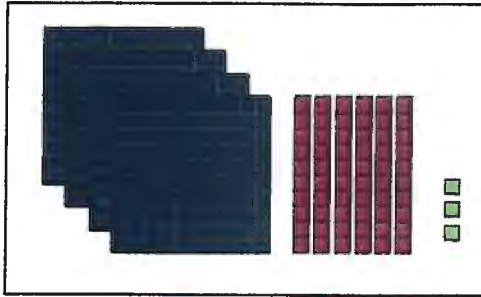
**= 4 5 8**

**Four hundred fifty eight**



**Six hundred fifty three**

## Write the number



Hundreds +  Tens +  Ones

= .....

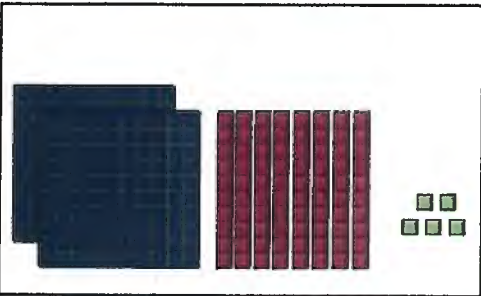
= .....



Hundreds +  Tens +  Ones

= .....

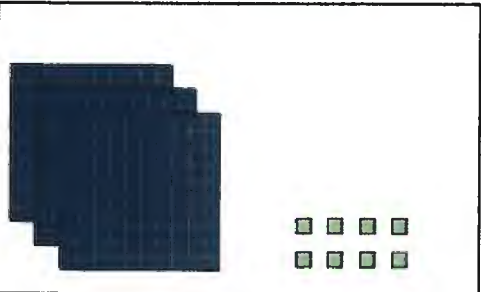
= .....



Hundreds +  Tens +  Ones

= .....

= .....



Hundreds +  Tens +  Ones

= .....

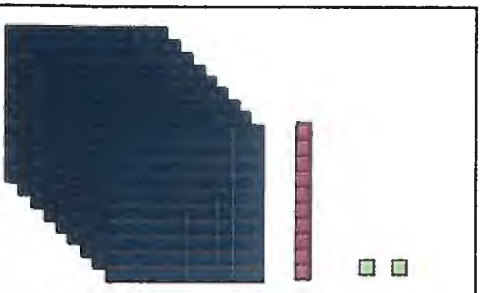
= .....



Hundreds +  Tens +  Ones

= .....

= .....

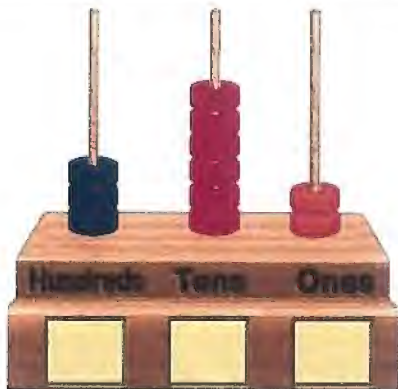


Hundreds +  Tens +  Ones

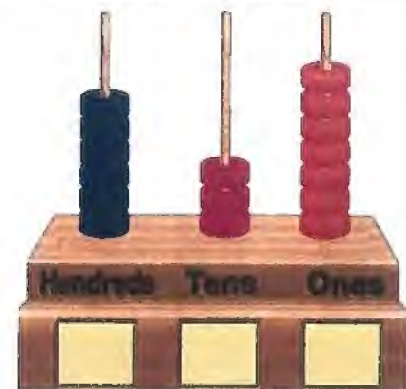
= .....

= .....





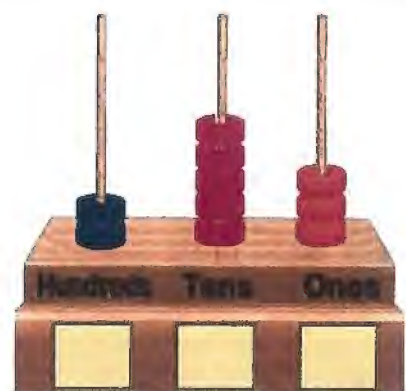
.....



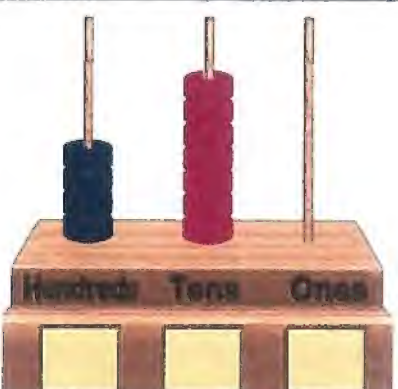
.....



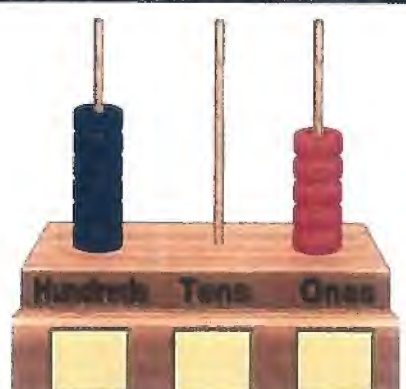
.....



.....



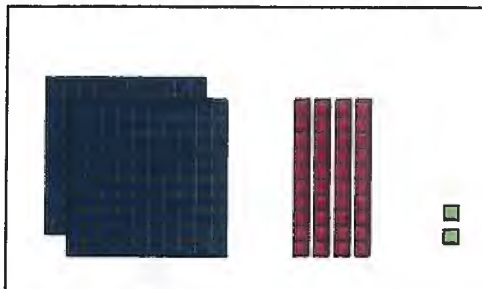
.....



.....

# HOMEWORK

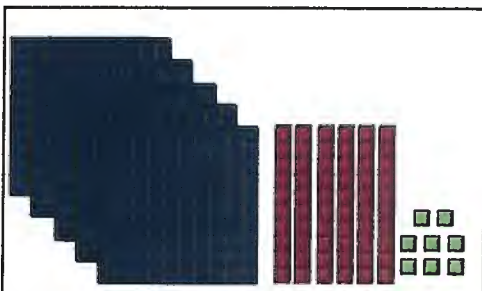
Write the number



Hundreds +  Tens +  Ones

= .....

= .....



Hundreds +  Tens +  Ones

= .....

= .....



Hundreds +  Tens +  Ones

= .....

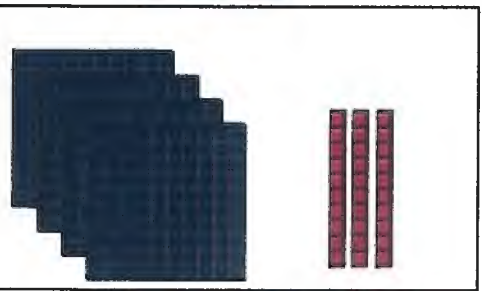
= .....



Hundreds +  Tens +  Ones

= .....

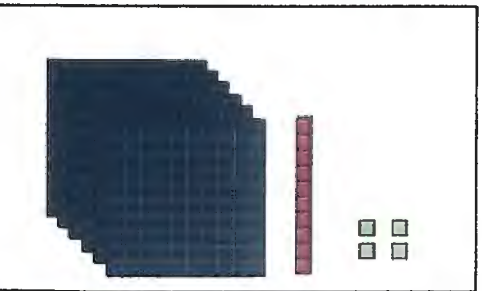
= .....



Hundreds +  Tens +  Ones

= .....

= .....



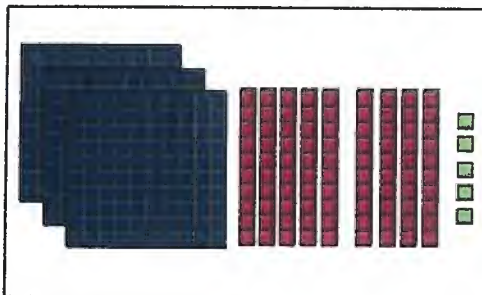
Hundreds +  Tens +  Ones

= .....

= .....



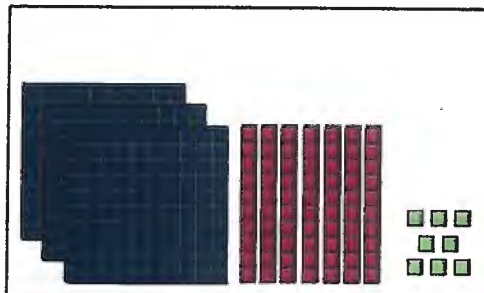
# Write the number



Hundreds +  Tens +  Ones

= .....

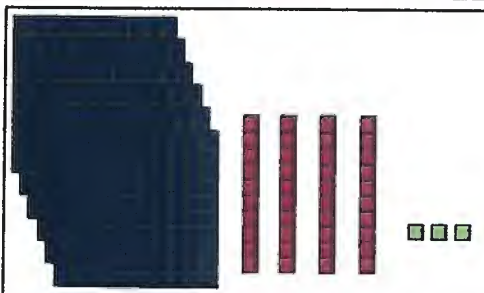
= .....



Hundreds +  Tens +  Ones

= .....

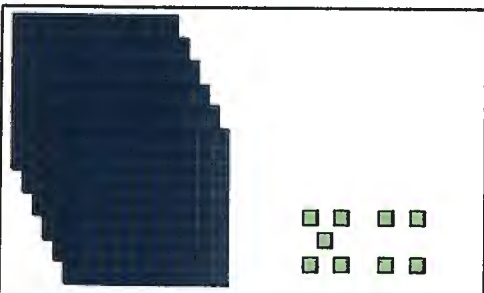
= .....



Hundreds +  Tens +  Ones

= .....

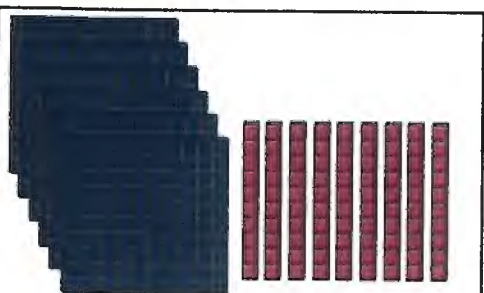
= .....



Hundreds +  Tens +  Ones

= .....

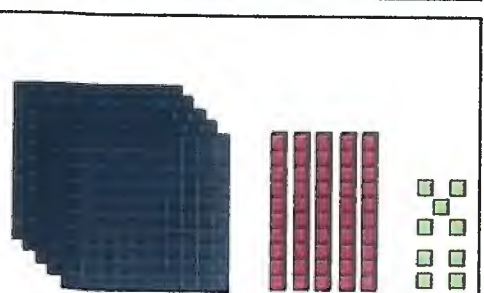
= .....



Hundreds +  Tens +  Ones

= .....

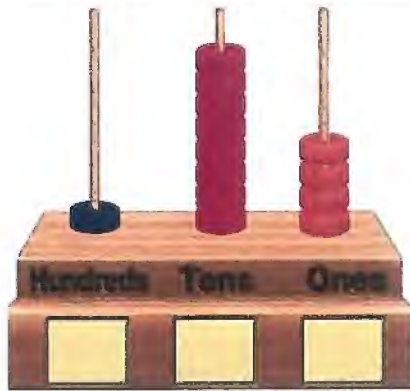
= .....



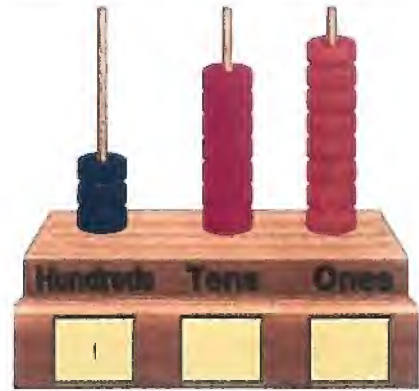
Hundreds +  Tens +  Ones

= .....

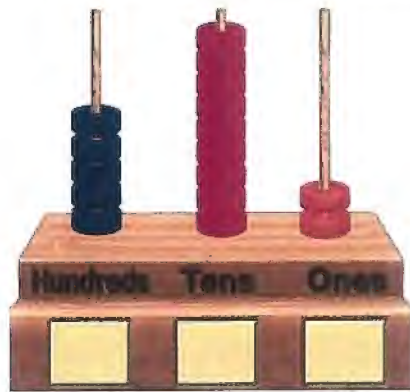
= .....



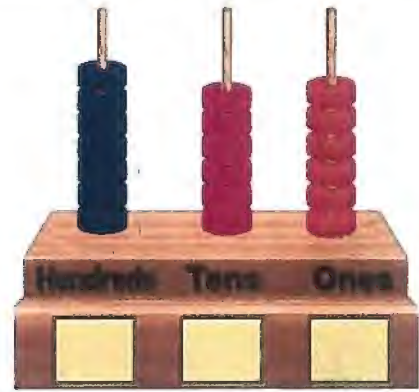
.....



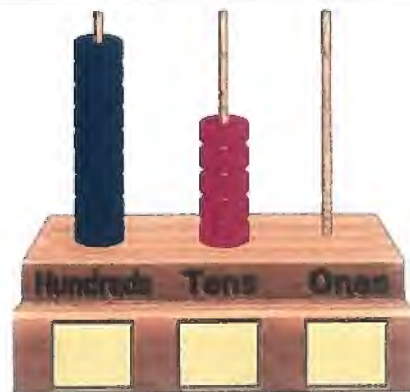
.....



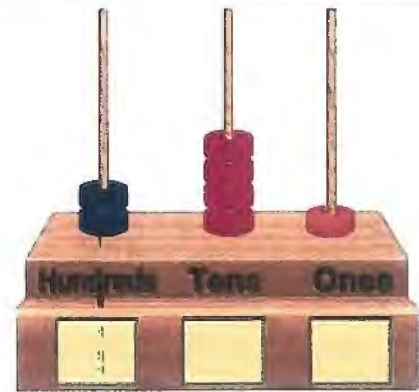
.....



.....

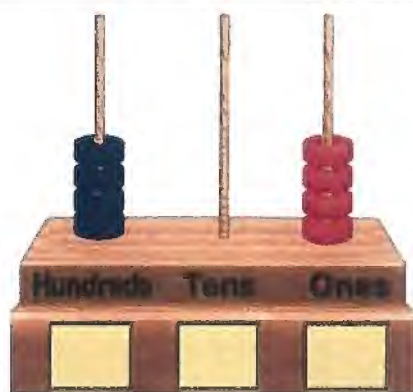


.....

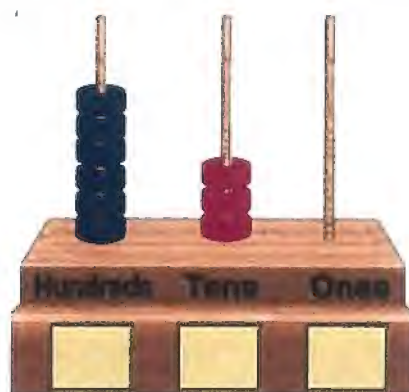


.....

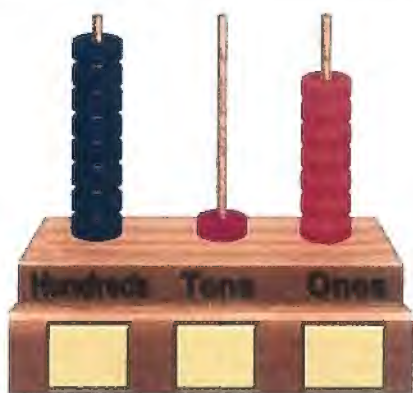




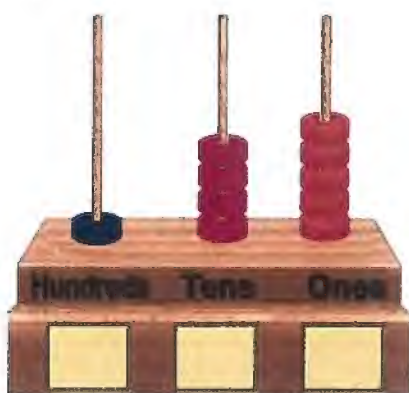
.....



.....



.....



.....



.....



.....

**First Choose the correct answer**

- a** Thirty five ( in digits ) = ..... ( 30 or 35 or 53 )
- b** 3 hundreds + 5 tens + 2 ones = ..... ( 352 or 253 or 532 )
- c**  $30 + 50 =$  ..... ( 35 or 53 or 80 )
- d** 10 tens = .... hundred ( 100 or 10 or 1 )
- e** The number after 29 is ..... ( 28 or 30 or 29 )

**Second Complete the following**

- a** 5 ones + 7 tens = .....
- b** The smallest 2-digit - number is .....
- c** The value of the digit 5 in the number 58 is .....
- d** The greatest number forme from the digits 5 and 8 is .....
- e** 20 , 25 , 30 , 35 , ..... , ..... , .....

**Third Answer the following**

- a** Find the result :

$$25 + 33 = \dots\dots\dots$$

$$48 - 38 = \dots\dots\dots$$

$$85 + 11 = \dots\dots\dots$$

$$69 - 32 = \dots\dots\dots$$

- b** Arrange the following numbers in an ascending order .

75 , 58 , 92 , 37 , 85

..... , ..... , ..... , ..... , .....

- c** Mona has LE 38 and Nada has LE 51 .

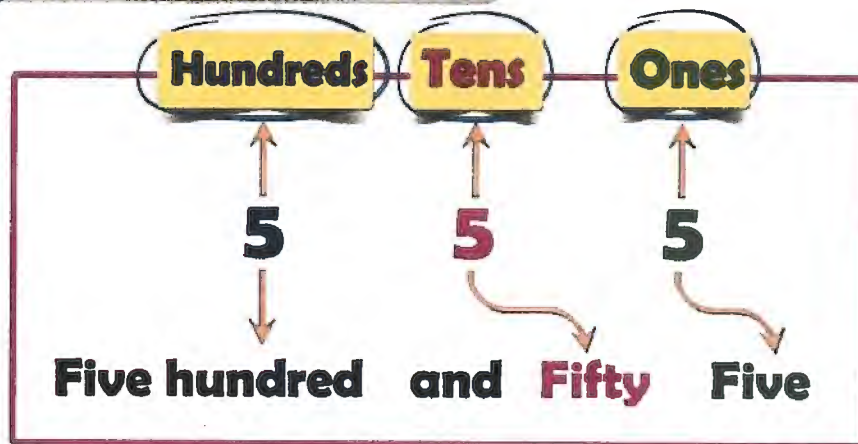
How much money do they have altogether ?

The have = ..... + ..... = LE .....



LESSON  
2

Reading and Writing  
Numbers up to 999



Complete :

- a) 5 hundreds + 2 tens + 3 ones = ..... , and  
the number is read as : .....
- b) 5 tens + 3 ones + 7 hundreds = ..... , and  
the number is read as : .....
- c) 8 hundreds + 2 ones + 7 tens = ..... , and  
the number is read as : .....
- d) 3 hundreds + 4 ones = ..... , and the number  
is read as : .....
- e) 9 hundreds + 2 tens = ..... , and the number  
is read as : .....

Write the following Table :

The place			The number	
Hundreds	Tens	Ones	In digits	In words
5	7	2	.....	.....
8	6	5	.....	.....
3	0	2	.....	.....
7	8	0	.....	.....
.....	.....	.....	5 3 7	.....
.....	.....	.....	2 0 9	.....
.....	.....	.....	7 3 0	.....
.....	.....	.....	.....	Nine hundred and sixty two
.....	.....	.....	.....	Two hundred and fifty
.....	.....	.....	.....	Five hundred and two

Complete the following :

- a) ..... hundreds + ..... tens + ..... ones = 8 9 6 , and the number is read as : .....
- b) ..... tens + ..... hundreds + ..... ones = 7 3 2 , and the number is read as : .....
- c) ..... ones + ..... tens + ..... hundreds = 6 1 7 , and the number is read as : .....
- d) ..... tens + ..... hundreds + ..... ones = ....., and the number is read as : Nine hundred and twenty five .
- e) ..... hundreds + ..... ones + ..... tens = ....., and the number is read as : Seven hundred and eighty four .
- f) ..... hundreds + ..... tens + ..... ones = ....., and the number is read as : Two hundred and fifty .



# HOMEWORK

Complete the following

1) 7 hundreds + 3 **tens** + 4 ones = ..... , and the number is read as : .....

2) 5 hundreds + 6 **tens** + 2 ones = ..... , and the number is read as : .....

3) 4 hundreds + 5 **tens** + 1 ones = ..... , and the number is read as : .....

4) 3 hundreds + 7 ones + 5 **tens** = ..... , and the number is read as : .....

5) 9 hundreds + 6 ones + 2 **tens** = ..... , and the number is read as : .....

6) 2 ones + 6 **tens** + 4 hundreds = ..... , and the number is read as : .....

7) 9 hundreds + 8 ones = ..... , and the number is read as : .....

8) 5 hundreds + 3 **tens** = ..... , and the number is read as : .....

9) 3 **tens** + 6 hundreds = ..... , and the number is read as : .....

10) 8 hundreds = ..... , and the number is read as : .....

Complete the following table :

The place			The number	
Hundreds	Tens	Ones	In digits	In words
2	9	8	.....	.....
3	5	2	.....	.....
8	6	6	.....	.....
5	2	0	.....	.....
7	0	4	.....	.....
.....	.....	.....	932	.....
.....	.....	.....	589	.....
.....	.....	.....	608	.....
.....	.....	.....	280	.....
.....	.....	.....	.....	Eight hundred and Thirty one
.....	.....	.....	.....	Four hundred and seventeen
.....	.....	.....	.....	One hundred and fifty nine
.....	.....	.....	.....	Six hundred and two
.....	.....	.....	.....	Five hundred and thirty



## Complete

- 1) ..... hundreds + ..... **tens** + ..... ones = 9 6 5 , and the number is read as : .....

---

- 2) ..... hundreds + ..... **tens** + ..... ones = 5 7 9 , and the number is read as : .....

---

- 3) ..... hundreds + ..... **tens** + ..... ones = 2 3 9 , and the number is read as : .....

---

- 4) ..... **tens** + ..... ones + ..... hundreds = 5 3 2 , and the number is read as : .....

---

- 5) ..... ones + ..... hundreds + ..... **tens** = 6 0 8 , and the number is read as : .....

---

- 6) ..... **tens** + ..... hundreds + ..... ones = 8 3 0 , and the number is read as : .....

---

- 7) ..... **tens** + ..... hundreds + ..... ones = 2 8 7 , and the number is read as : .....

---

- 8) ..... hundreds + ..... ones + ..... **tens** = 3 8 1 , and the number is read as : .....

---

- 9) ..... hundreds + ..... **tens** + ..... ones = 5 0 7 , and the number is read as : .....

---

- 10) ..... **tens** + ..... hundreds + ..... ones = 8 2 0 , and the number is read as : .....

11) ..... hundreds + ..... **tens** + ..... ones = ..... , and the number is read as : Five hundred and twenty four .

---

12) ..... hundreds + ..... **tens** + ..... ones = ..... , and the number is read as : Seven hundred and fifteen.

---

13) ..... hundreds + ..... **tens** + ..... ones = ..... , and the number is read as : Eight hundred and seventy nine .

---

14) ..... **tens** + ..... ones + ..... hundreds = ..... , and the number is read as : Two hundred and seventy one ..

---

15) ..... ones + ..... hundreds + ..... **tens** = ..... , and the number is read as : Nine hundred and Ninety nine .

---

16) ..... **tens** + ..... hundreds + ..... ones = ..... , and the number is read as : Two hundred and fourteen .

---

17) ..... **tens** + ..... hundreds + ..... ones = ..... , and the number is read as : Six hundred and fifty two .

---

18) ..... hundreds + ..... ones + ..... **tens** = ..... , and the number is read as : Three hundred and thirteen .

---

19) ..... hundreds + ..... **tens** + ..... ones = ..... , and the number is read as : Eight hundred and eighteen .

---

20) ..... **tens** + ..... hundreds + ..... ones = ..... , and the number is read as : Nine hundred and ninety



# Sheet 2

## First Choose the correct answer

- a 6 hundreds + 5 ones + 7 tens = ..... ( 657 or 675 or 576 )
- b Two hundred and fifteen = ..... ( 215 or 250 or 251 )
- c The value of 5 in the number 75 is ..... ( 5 or 50 or 15 )
- d The greatest 2-digit – number is ..... ( 10 or 90 or 99 )
- e  $2 + 50 =$  ..... ( 25 or 52 or 70 )

## Second Complete the following

- a .....hundreds + .....Tens + .....ones = 798
- b 798 is read as .....
- c The place-value of 7 in the number 78 is .....
- d The smallest number formed from 7 and 3 is.....
- e 7 tens + 3 hundreds = .....

## Third Answer the following

- a Find the result :

$$\begin{array}{r} 51 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 27 \\ \hline \end{array}$$

- b Arrange in a descending order

70 , 17 , 7 , 77 , 27

..... , ..... , ..... , ..... , .....

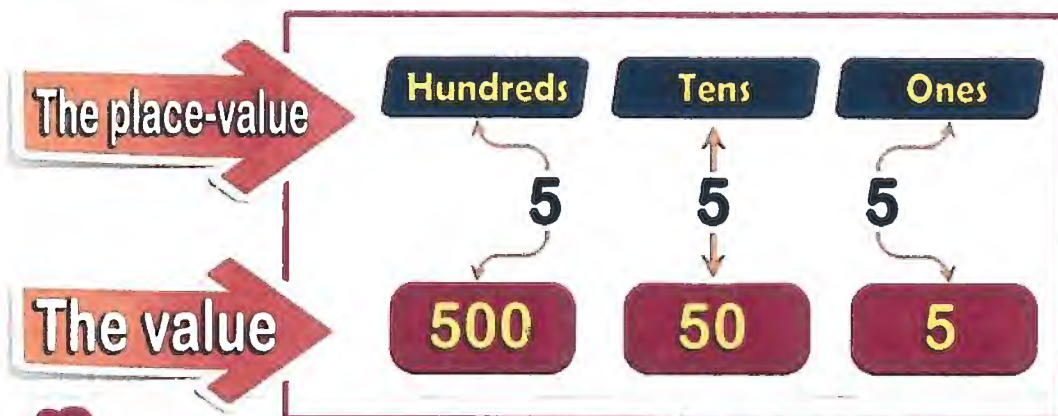
- c Hesham had LE 75 , He bought a ball for LE 36.

Find the remaining money with him

The remainder = ..... - ..... = LE .....

LESSON  
3

The place-value



Example

The value of the digit 5 in the number 358 is 50

The place - value of the digit 5 in the number 358 is tens

Write the **place - value** of the digit 4 in each of the following

a) 5 6 **4** : ..... b) 6 **4** 8 : .....

c) **4** 8 5 : ..... d) 7 **4** 9 : .....

e) 7 2 **4** : ..... f) **4** 3 0 : .....

Write the **value** of the digit 5 in each of the following :

a) 7 **5** 8 : ..... b) **5** 9 8 : ..... c) 9 8 **5** : .....

d) 2 **5** 7 : ..... e) 9 8 **5** : ..... f) 2 3 **5** : .....

Write the value and the place - value of the encircled digit :

The number	The value	The place - value
2 5 8		
2 8 7		
2 3 8		
7 2 1		
5 0 2		



Circle the value of the underlined digit :

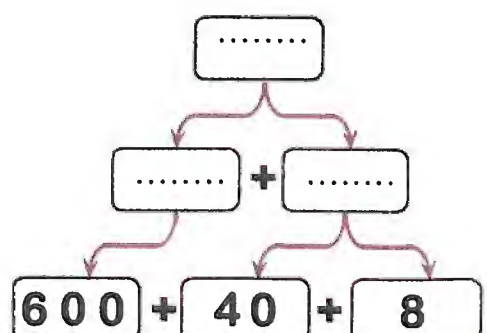
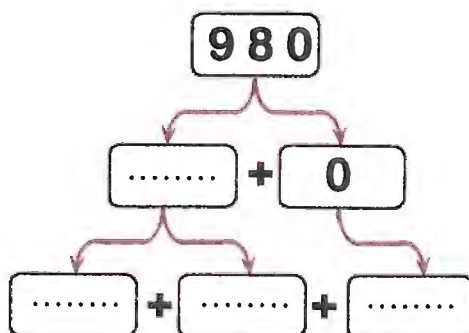
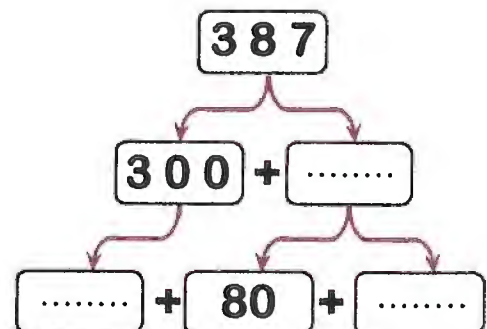
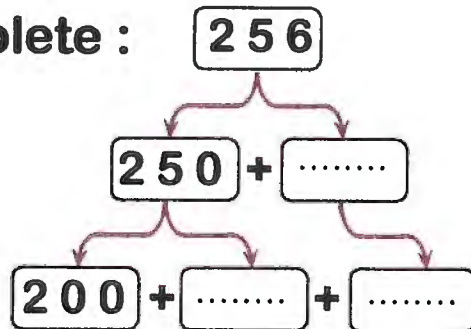
<u>3</u> 5 6	7 <u>8</u> 9	5 2 <u>7</u>	9 <u>6</u> 3
300 , 30 , 3	800 , 80 , 8	700 , 70 , 7	600 , 60 , 6
5 <u>9</u> 3	1 <u>2</u> 7	3 5 <u>4</u>	2 <u>0</u> 9
900 , 90 , 9	200 , 20 , 2	400 , 40 , 4	100 , 10 , 0

Complete :

EX. 3 5 6 = 300 + 50 + 6

- |                                  |                                  |
|----------------------------------|----------------------------------|
| a) 8 7 6 = ..... + ..... + ..... | b) 7 8 9 = ..... + ..... + ..... |
| c) 2 5 8 = 200 + ..... + .....   | d) 6 9 7 = ..... + 90 + .....    |
| e) ..... = 500 + 90 + 7          | f) ..... = 600 + 40 + 2          |
| g) ..... = 200 + 30              | h) ..... = 600 + 5               |
| i) 4 0 5 = ..... + .....         | j) 3 8 0 = ..... + .....         |

Complete :



**HOMEWORK**

Write the place - value of the digit **7** in each of the following:

- a) **7** 5 3 : ..... b) 5 **7** 3 : .....  
 c) 5 3 **7** : ..... d) **7** 0 5 : .....  
 e) 1 2 **7** : ..... f) 2 **7** 3 : .....  
 g) 8 **7** 2 : ..... h) 5 9 **7** : .....  
 i) **7** 5 5 : ..... j) **7** 8 8 : .....  
 k) **7** 5 : ..... l) 3 **7** : .....

Write the value of the digit **8** in each of the following :

- a) 5 2 **8** : ..... b) 2 **8** 7 : ..... c) **8** 9 4 : .....  
 d) **8** 5 0 : ..... e) 9 1 **8** : ..... f) 7 **8** 3 : .....  
 g) 3 2 **8** : ..... h) **8** 2 9 : ..... i) 3 6 **8** : .....  
 j) **8** 5 : ..... k) 9 **8** : ..... l) **8** : .....

Write the value and the place value of the encircled digit :

The number	The value	The place - value
① 5 9	.....	.....
3 ④ 7	.....	.....
2 6 ⑧	.....	.....
2 ⑦ 1	.....	.....
③ 7 8	.....	.....
6 2 ⑦	.....	.....
⑧ 9 3	.....	.....
6 1 ⑦	.....	.....
2 ⑧ 4	.....	.....



Circle the value of the underlined digit :

<u>5</u> 6 7 500 , 50 , 5	<u>2</u> 8 5 200 , 20 , 2	3 <u>6</u> 8 600 , 60 , 6	3 <u>7</u> 8 700 , 70 , 7
3 5 <u>9</u> 900 , 90 , 9	6 3 <u>7</u> 700 , 70 , 7	5 <u>0</u> 7 100 , 10 , 0	8 3 <u>0</u> 100 , 10 , 0
7 3 <u>2</u> 200 , 20 , 2	3 <u>5</u> 6 500 , 50 , 5	<u>9</u> 7 8 900 , 90 , 9	<u>3</u> 8 6 300 , 30 , 3
7 <u>1</u> 4 100 , 10 , 1	3 6 <u>9</u> 900 , 90 , 9	<u>1</u> 2 5 100 , 10 , 1	9 <u>4</u> 3 400 , 40 , 4

Complete :

1) 5 6 3 = ..... + ..... + .....

3) 7 8 9 = ..... + ..... + .....

5) 6 0 8 = ..... + ..... + .....

7) 8 7 0 = ..... + ..... + .....

9) 7 3 6 = 700 + ..... + .....

11) ..... = 500 + 30 + 2

13) ..... = 20 + 800 + 5

15) ..... = 500 + 20

17) ..... = 200 + 9

19) ..... = 60 + 5 + 300

2) 3 6 7 = ..... + ..... + .....

4) 2 7 9 = ..... + ..... + .....

6) 5 9 0 = ..... + ..... + .....

8) 3 0 7 = ..... + ..... + .....

10) 2 7 8 = ..... + 70 + .....

12) ..... = 700 + 30 + 2

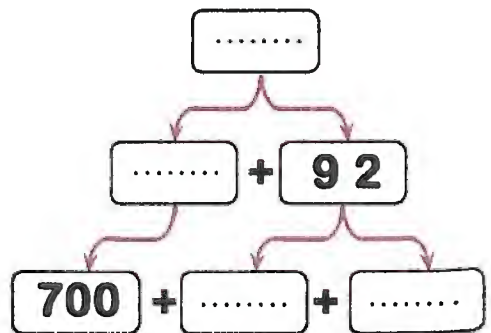
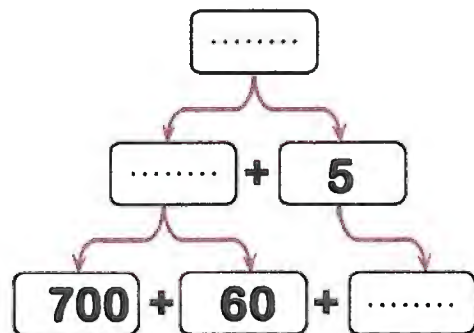
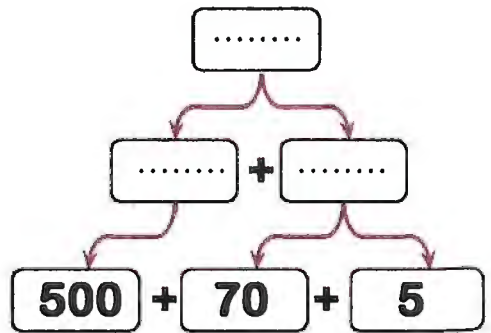
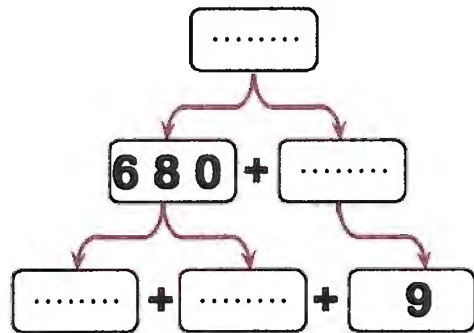
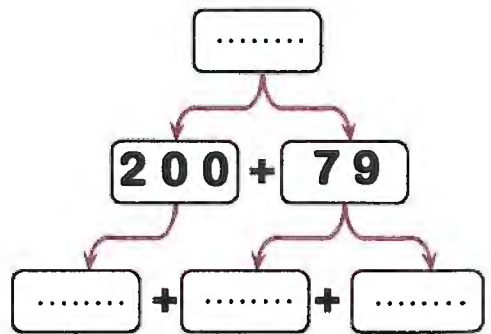
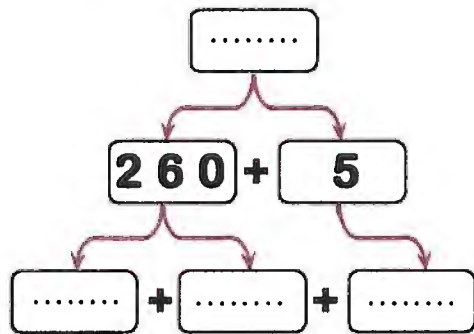
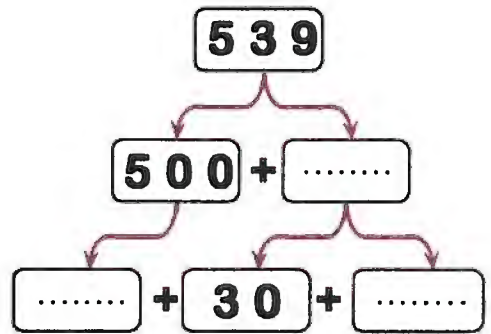
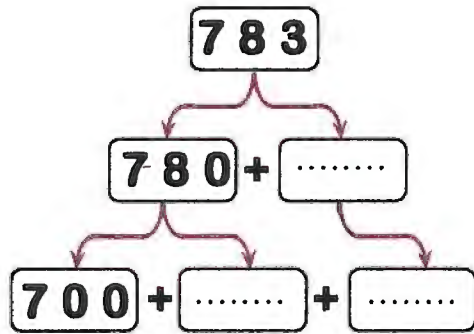
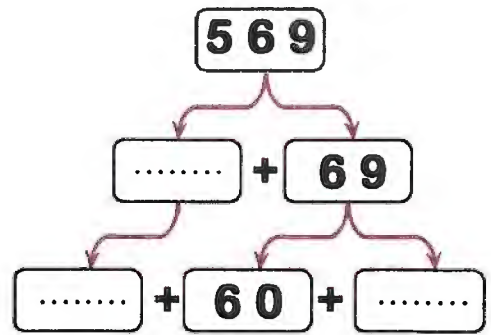
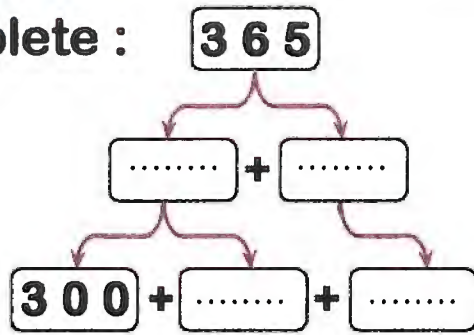
14) ..... = 600 + 4 + 90

16) ..... = 700 + 3

18) ..... = 500 + 80

20) ..... = 5 + 200 + 60

Complete :





**Complete the following :**

- 1) The value of the digit 5 in the number 356 is .....
- 2) The value of the digit 3 in the number 963 is .....
- 3) The value of the digit 6 in the number 689 is .....
- 4) The place - value of 5 in the number 356 is .....
- 5) The place - value of 7 in the number 761 is .....
- 6) The place - value of 0 in the number 509 is .....
- 7)  $500 + 30 + 2 = \dots\dots\dots$
- 8)  $70 + 300 + 5 = \dots\dots\dots$
- 9)  $500 + 30 = \dots\dots\dots$
- 10)  $600 + 2 = \dots\dots\dots$
- 11)  $756 = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$
- 12)  $398 = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$
- 13)  $508 = \dots\dots\dots + \dots\dots\dots$
- 14)  $790 = \dots\dots\dots + \dots\dots\dots$
- 15) 3 hundreds + 5 tens + 6 ones = .....
- 16) 3 tens + 5 ones + 3 hundreds = .....
- 17) 2 tens + 3 hundreds = .....
- 18) .....hundreds + .....tens + .....ones = 356
- 19) .....tens + .....ones + .....hundreds = 831
- 20) .....hundreds + .....ones = 607

**First Choose the correct answer**

- a** The value of 5 in the number 562 is ..... ( 500 or 50 or 5 )  
**b** 6 tens + 5 ones + 3 hundreds = ..... ( 653 or 365 or 536 )  
**c**  $7 + 20 + 600 = \dots\dots\dots$  ( 726 or 267 or 627 )  
**d** Two hundred and sixty five = ..... ( 265 or 562 or 652 )  
**e** 10 tens = ..... Hundreds ( 100 or 10 or 1 )

**Second Complete the following**

- a**  $786 = \dots\dots\dots + \dots\dots\dots + 6$   
**b** The place-value of 8 in the number 789 is .....  
**c** ..... hundreds + ..... tens + ..... ones = 983  
**d** In the number 396 , The digit 3 is in ..... place and its value is .....  
**e** The number 627 is read as .....  
 .....

**Third Answer the following**

- a** Find the result :

$$35 + 23 = \dots\dots\dots \quad 79 - 54 = \dots\dots\dots$$

$$12 + 47 = \dots\dots\dots \quad 96 - 76 = \dots\dots\dots$$

- b** Arrange in a descending order :

90 , 99 , 9 , 19 , 39

..... , ..... , ..... , ..... , .....

- c** Hadeer bought a pen for LE 12 . and a book for LE 35.

How much money did she pay ?

She paid = ..... + ..... = LE .....



LESSON  
4

## Before and After

Ex.

The number 245 comes right after 244

The number that comes right after 244 is 245

Ex.

The number 317 comes right before 318

The number that comes right before 318 is 317

The number that comes right after :

a) 354 is ..... b) 568 is .....

c) 218 is ..... d) 659 is .....

e) 540 is ..... f) 309 is .....

g) 809 is ..... h) 99 is .....

The number that comes right before :

a) 543 is ..... b) 680 is .....

c) 211 is ..... d) 600 is .....

e) 400 is ..... f) 144 is .....

g) 810 is ..... h) 100 is .....

**Complete in the same pattern :**

- a) 125 , 126 , 127 , ..... , ..... , .....
  - b) 377 , 378 , 379 , ..... , ..... , .....
  - c) 578 , 577 , 576 , ..... , ..... , .....
  - d) 504 , 503 , 502 , ..... , ..... , .....
  - e) 497 , 498 , 499 , ..... , ..... , .....
  - f) 504 , 503 , 502 , ..... , ..... , .....
- 

**Complete :**

- 1) The number that comes right after 256 is .....
- 2) The number that comes right after 599 is .....
- 3) The number that comes right before 760 is .....
- 4) The number that comes right before 900 is .....
- 5) The number 300 comes right after .....
- 6) The number 210 comes right after .....
- 7) The number 586 comes right before .....
- 8) The number 300 comes right before .....
- 9) The number ..... comes right before 508 .
- 10) The number ..... comes right before 700 .
- 11) The number ..... comes right after 299 .
- 12) The number ..... comes right after 479 .



# HOMEWORK

The number that comes right after :

315 is .....

456 is .....

719 is .....

528 is .....

647 is .....

799 is .....

499 is .....

699 is .....

432 is .....

698 is .....

379 is .....

899 is .....

600 is .....

230 is .....

809 is .....

503 is .....

711 is .....

995 is .....

401 is .....

100 is .....

The number that comes right before :

782 is .....

628 is .....

405 is .....

450 is .....

600 is .....

789 is .....

200 is .....

317 is .....

700 is .....

660 is .....

100 is .....

803 is .....

468 is .....

748 is .....

102 is .....

367 is .....

810 is .....

630 is .....

999 is .....

500 is .....

**Complete :**

- 1) 356 , 357 , 358 , ..... , ..... , .....
- 2) 540 , 541 , 542 , ..... , ..... , .....
- 3) 366 , 367 , 368 , ..... , ..... , .....
- 4) 797 , 798 , 799 , ..... , ..... , .....
- 5) 888 , 889 , 890 , ..... , ..... , .....
- 6) 785 , 784 , 783 , ..... , ..... , .....
- 7) 605 , 604 , 603 , ..... , ..... , .....
- 8) 846 , 845 , 844 , ..... , ..... , .....
- 9) 407 , 406 , 405 , ..... , ..... , .....
- 10) 105 , 104 , 103 , ..... , ..... , .....

**Complete the following table :**

250	251	252	.....	254	.....	256	.....	.....	259
.....	261	.....	.....	264	.....	.....	267	.....	.....
270	.....	.....	273	.....	.....	.....	.....	278	.....
.....	281	.....	.....	.....	285	.....	.....	.....	289
290	291	.....	.....	294	295	.....	.....	298	.....
.....	.....	302	.....	.....	305	306	.....	.....	309
310	.....	.....	313	.....	.....	.....	317	318	.....
.....	.....	322	.....	.....	.....	326	327	.....	.....
330	331	.....	.....	334	335	.....	.....	.....	.....
.....	341	342	343	.....	.....	.....	.....	.....	.....



## Complete :

- 1) The number that comes right after 357 is .....
- 2) The number that comes right after 259 is .....
- 3) The number that comes right after 699 is .....
- 4) The number that comes right after 99 is .....
- 5) The number 568 comes right after .....
- 6) The number 600 comes right after .....
- 7) The number 980 comes right after .....
- 8) The number ..... comes right after 657 .
- 9) The number ..... comes right after 319 .
- 10) The number ..... comes right after 800 .
- 11) The number that comes right before 271 is .....
- 12) The number that comes right before 200 is .....
- 13) The number that comes right before 840 is .....
- 14) The number that comes right before 100 is .....
- 15) The number 729 comes right before .....
- 16) The number 399 comes right before .....
- 17) The number 527 comes right before .....
- 18) The number ..... comes right before 657 .
- 19) The number ..... comes right before 520 .
- 20) The number ..... comes right before 600 .

**First Choose the correct answer**

- a** The number ..... comes right after 456 ( 455 or 456 or 457 )
- b** The number 500 comes right after ..... ( 499 or 500 or 501 )
- c** 5 hundreds + 6 tens + 4 ones = ..... ( 564 or 456 or 465 )
- d** Six hundred and two ( in words ) = ..... ( 612 or 620 or 602 )
- e**  $5 + 0 + 2 = \dots\dots\dots$  ( 52 or 7 or 502 )

**Second Complete the following**

- a** The number that comes right after 259 is .....
- b** The number that comes right before 301 is .....
- c** .... Tens + .... Ones + .... Hundreds = 829
- d** 20 tens = ..... hundreds
- e**  $568 = 500 + \dots\dots\dots + \dots\dots\dots$

**Third Answer the following**

- a** Find the result :

$$53 + 24 = \dots\dots\dots$$

$$72 + 13 = \dots\dots\dots$$

$$78 - 53 = \dots\dots\dots$$

$$68 - 65 = \dots\dots\dots$$

- b** Arrange in a descending order :

45 , 54 , 55 , 44 , 50

..... , ..... , ..... , ..... , .....

- c** Complete :

a) ..... tens + ..... hundreds + ..... ones = 832 , and the

number is read as .....

.....

b) .... tens + ..... hundreds + ..... ones = ....., and the

number is read as : Six hundred and fifteen.



LESSON  
5

# Comparing two numbers

Example

All numbers that can be formed from the numbers

5

3

7

537

573

357

375

753

735

The greatest number is

753

The smallest number is

357

Write all numbers that can be formed from the numbers:

8

3

6

..... , ..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

The greatest

3-digit number is

999

3-same-digit number is

999

3-different-digit number is

987

The smallest

3-digit number is

100

3-same-digit number is

111

3-different-digit number is

102

**Complete using < , = or >**

$254 \bigcirc 302$

$200 + 50 + 8 \bigcirc 258$

$487 \bigcirc 492$

$3 + 80 + 500 \bigcirc 385$

$785 \bigcirc 783$

$5 \text{ hundreds } \bigcirc 50 \text{ tens}$

$708 \bigcirc 598$

$3 \text{ hundreds} + 5 \text{ ones } \bigcirc 350$

$387 \bigcirc 783$

$7 \text{ tens} + 8 \text{ hundreds } \bigcirc 780$

$103 \bigcirc 103$

$2 \text{ hundreds} + 6 \text{ ones } \bigcirc 2 + 6$

**Complete:**

**a)** The greatest number formed from the digits

5 , 8 and 7 is .....

**b)** The smallest number formed from the digits

7 , 9 and 5 is .....

**c)** The greatest number formed from the digits

4 , 0 and 9 is .....

**d)** The smallest number formed from the digits

5 , 0 and 8 is .....

**e)** The greatest 3-digit number formed from the digits 5 and 8 is .....

**f)** The smallest 3-digit number formed from the digits 9 and 6 is .....



# HOMEWORK

Write all numbers that can be formed from the numbers:

5 1 7

..... , ..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

Write all numbers that can be formed from the numbers:

6 9 8

..... , ..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

Write all numbers that can be formed from the numbers:

3 7 2

..... , ..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

Write all numbers that can be formed from the numbers:

5 4 2

..... , ..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

Complete using  $<$  ,  $=$  or  $>$

$456 \bigcirc 821$

$215 \bigcirc 512$

$687 \bigcirc 691$

$390 \bigcirc 309$

$860 \bigcirc 680$

$566 \bigcirc 569$

$215 \bigcirc 215$

$614 \bigcirc 641$

$548 \bigcirc 543$

$982 \bigcirc 927$

$724 \bigcirc 720$

$300 + 70 + 6 \bigcirc 376$

$800 + 80 + 5 \bigcirc 858$

$2 + 70 + 900 \bigcirc 279$

$4 + 30 + 700 \bigcirc 437$

$800 + 3 + 90 \bigcirc 839$

$3 \text{ hundreds} \bigcirc 30 \text{ tens}$

$5 \text{ hundreds} \bigcirc 50 \text{ ones}$

$80 \text{ tens} \bigcirc 80 \text{ ones}$

$3 \text{ hundreds} + 5 \text{ tens} \bigcirc 305$

$6 \text{ hundreds} + 3 \text{ ones} \bigcirc 603$

$5 \text{ hundreds} + 7 \text{ tens} \bigcirc 570$

Complete :

- 1) The **greatest** 3-digit number is .....
- 2) The **greatest** 3-same-digit number is .....
- 3) The **greatest** 3-different-digit number is .....
- 4) The **smallest** 3-digit number is .....
- 5) The **smallest** 3-same-digit number is .....
- 6) The **smallest** 3-different-digit number is .....



Complete :

1) The **greatest** number formed from the digits 2 , 5 and 7 is .....

2) The **greatest** number formed from the digits 7 , 2 and 8 is .....

3) The **greatest** number formed from the digits 7 , 9 and 3 is .....

4) The **greatest** number formed from the digits 0 , 8 and 1 is .....

5) The **greatest** number formed from the digits 7 , 0 and 3 is .....

6) The **greatest** 3-digit number formed from the digits 6 and 7 is .....

7) The **greatest** 3-digit number formed from the digits 2 and 8 is .....

8) The **smallest** number formed from the digits 5 , 3 and 9 is .....

9) The **smallest** number formed from the digits 9 , 1 and 5 is .....

10) The **smallest** number formed from the digits 3 , 8 and 4 is .....

11) The **smallest** number formed from the digits 7 , 0 and 5 is .....

12) The **smallest** number formed from the digits 8 , 0 and 9 is .....

13) The **smallest** 3-digit number formed from the digits 2 and 9 is .....

14) The **smallest** 3-digit number formed from the digits 6 and 5 is .....

**First Choose the correct answer**

- a** The greatest 3-digit number is ..... (999 or 900 or 100 )
- b**  $452 > \dots$  (456 or 425 or 453 )
- c** 8 tens + 3 hundreds = ..... ( 830 or 803 or 380 )
- d** Six hundred an sixty = ..... ( 660 or 616 or 606 )
- e** ..... comes right after 568 ( 567 or 569 or 570 )

**Second Complete the following**

- a** The smallest number formed from 5 , 0 and 3 is .....
- b** The number that comes right after 859 is .....
- c** 9 tens + 4 ones + 2 hundreds = .....
- d** 236 , 237 , 238 , ..... , ..... , .....
- e**  $500 + 8 + 70 = \dots$

**Third Answer the following**

- a** Complete using  $< , = , > :$

568  586

892  849

3 hundreds + 5 ones   $300 + 50$

$500 + 70 + 6$    $500 + 76$

- b** Write all numbers that can be formed from the digits 5 , 3 and 7

..... , ..... , ..... , ..... , .....

The greatest number is ..... The smallest number is .....

- c** Write the greatest and the smallest number formed from the digits 5 , 8 and 0 .

The greatest number is ..... The smallest number is .....

- d** Write the greatest and the smallest 3-digit number formed from the digits 9 and 3 .

The greatest number is ..... The smallest number is .....



LESSON  
6

# Arranging the numbers up to 999

The ascending order

From the **greatest** number to the **smallest** number

The descending order

From the **smallest** number to the **greatest** number

Arrange each group of the following numbers in  
an **ascending order** and in a **descending order** :

356 , 567 , 982 , 214 , 548

The ascending order : .....

The descending order : .....

728 , 287 , 872 , 278 , 782

The ascending order : .....

The descending order : .....

500 , 550 , 50 , 505 , 515

The ascending order : .....

The descending order : .....

Write all numbers that can be formed from the digits  
8 , 7 and 3 , then arrange them in an ascending order  
and in a descending order :

..... , ..... , ..... , ..... , ..... , .....

The ascending order :

..... , ..... , ..... , ..... , ..... , .....

The descending order :

..... , ..... , ..... , ..... , ..... , .....

**HOMEWORK**

Arrange each group of the following numbers in  
an ascending order and in a descending order :

564 , 645 , 456 , 654 , 546

The ascending order : ....., ....., ....., ....., .....

The descending order : ....., ....., ....., ....., .....

215 , 674 , 548 , 384 , 678

The ascending order : ....., ....., ....., ....., .....

The descending order : ....., ....., ....., ....., .....

105 , 501 , 150 , 510 , 500

The ascending order : ....., ....., ....., ....., .....

The descending order : ....., ....., ....., ....., .....

808 , 880 , 80 , 888 , 800

The ascending order : ....., ....., ....., ....., .....

The descending order : ....., ....., ....., ....., .....

205 , 25 , 520 , 52 , 502

The ascending order : ....., ....., ....., ....., .....

The descending order : ....., ....., ....., ....., .....



Write all numbers that can be formed from the digits **3** , **6** and **7** , then arrange them in an ascending order and in a descending order :

..... , ..... , ..... , ..... , ..... , .....

The ascending order :

..... , ..... , ..... , ..... , ..... , .....

The descending order :

..... , ..... , ..... , ..... , ..... , .....

Write all numbers that can be formed from the digits **7** , **2** and **4** , then arrange them in an ascending order and in a descending order :

..... , ..... , ..... , ..... , ..... , .....

The ascending order :

..... , ..... , ..... , ..... , ..... , .....

The descending order :

..... , ..... , ..... , ..... , ..... , .....

Write all numbers that can be formed from the digits **5** , **1** and **8** , then arrange them in an ascending order and in a descending order :

..... , ..... , ..... , ..... , ..... , .....

The ascending order :

..... , ..... , ..... , ..... , ..... , .....

The descending order :

..... , ..... , ..... , ..... , ..... , .....

**First Choose the correct answer**

- a** The smallest 3-digit number is ..... (100 or 102 or 999 )
- b** Five hundred and twenty = ..... (502 or 520 or 512 )
- c** 60 tens = ..... ( 6 or 60 or 600 )
- d**  $452 >$  ..... (455 or 450 or 456 )
- e**  $400 + 50 =$  ..... (405 or 9 or 450)

**Second Complete the following**

- a** The smallest number formed from the digits 0 , 9 and 5 is .....
- b**  $40 + 700 + 8 =$  .....
- c** .....Tens + ..... ones + ..... hundreds = 785
- d** The greatest 3 – different – digit number is .....
- e** The number that comes right after 259 is .....

**Third Answer the following**

- a** Complete using  $<$  ,  $=$  or  $>$  :  

$374$ <input style="width: 40px; height: 25px; border: 1px solid black;" type="text"/> $289$	$5 \text{ hundreds} + 9 \text{ tens}$ <input style="width: 40px; height: 25px; border: 1px solid black;" type="text"/> $500 + 90$
$708$ <input style="width: 40px; height: 25px; border: 1px solid black;" type="text"/> $780$	$4 + 50 + 300$ <input style="width: 40px; height: 25px; border: 1px solid black;" type="text"/> $400 + 53$

- b** Arrange the following numbers in an ascending order :

440 , 40 , 404 , 44 , 400

The order : ....., ....., ....., ....., .....

- c** Write all the numbers that can be formed from the digits 5 , 7 and 3 , then arrange them in a descending order:

The numbers: ....., ....., ....., ....., .....

The order : ....., ....., ....., ....., .....



# General Exercises

**First** Choose the correct answer

- 1) Nine hundred and thirty = ..... ( 930 *or* 938 *or* 983 )
- 2) Two hundred and two = ..... ( 220 *or* 212 *or* 202 )
- 3) Five hundred and fifteen = ..... ( 515 *or* 550 *or* 555 )
- 4) 3 hundreds+ 5 tens+ 4 ones= ..... ( 453 *or* 543 *or* 354 )
- 5)  $7 + 500 + 80 = \dots\dots\dots$  ( 758 *or* 587 *or* 578 )
- 6)  $90 + 0 + 5 = \dots\dots\dots$  ( 905 *or* 95 *or* 14 )
- 7) The value of the digit 5 in the number 567 is .....  
( hundreds *or* 500 *or* 50 )
- 8) The place - value of the digit 3 in the number 238 is .....  
( Tens *or* hundreds *or* ones )
- 9) 900 comes right after ..... ( 800 *or* 901 *or* 899 )
- 10) ..... comes right before 501 ( 500 *or* 502 *or* 499 )
- 11) The number that comes right after 399 is .....  
( 400 *or* 389 *or* 390 )
- 12) The number that comes right before 790 is .....  
( 789 *or* 791 *or* 800 )
- 13) The smallest 3-digit number is ... ( 300 *or* 999 *or* 100 )
- 14) The greatest 3-digit number is ... ( 300 *or* 999 *or* 100 )
- 15)  $503 > \dots\dots\dots$  ( 510 *or* 499 *or* 504 )
- 16)  $369 < \dots\dots\dots$  ( 360 *or* 369 *or* 370 )
- 17) The greatest 3 – digit number that formed from the  
digits 5 and 2 is ..... ( 520 *or* 552 *or* 52 )

**Second Complete the following**

- 1) 4 hundreds + 3 tens + 5 ones = ..... , and the number is read as .....
- 2) 9 hundreds + 7 tens = ..... , and the number is read as : .....
- 3) ..... ones + ..... hundreds = 803 , and the number is read as : .....
- 4) .....tens + ..... hundreds +.....ones = ..... , and the number is read as : Seven hundred and sixty four.
- 5) The value of the digit 5 in the number 258 is .....
- 6) The place value of the digit 3 in the number 583 is .....
- 7) In the number 308 , the digit 0 is in ..... place and its value is .....
- 8)  $300 + 8 + 90 =$  .....
- 9)  $5 + 0 + 2 =$  .....
- 10)  $759 =$  ..... + ..... + .....
- 11) The number 365 comes right after .....
- 12) The number ..... comes right after 499
- 13) The number that comes right after 789 is.....
- 14) The number 650 comes right before .....
- 15) The number ..... comes right before 800
- 16) The number that comes right before 810 is .....
- 17) 256 , 257 , 258 , ..... , ..... , .....
- 18) 805 , 804 , 803 , ..... , ..... , .....



- 19) The greatest 3-digit number is .....
- 20) The greatest 3 – same – digit number is .....
- 21) The greatest 3 – different – digit number is .....
- 22) The smallest 3-digit number is .....
- 23) The smallest 3 – same – digit number is .....
- 24) The smallest 3 – different – digit number is .....
- 25) The smallest number can be formed from the digits  
7 , 0 and 3 is .....
- 26) The greatest number can be formed from the digits  
3 , 5 and 0 is .....
- 27) The greatest number can be formed from the digits  
3 , 7 an 2 is .....
- 28) The smallest number can be formed from the digits  
8 , 9 an 1 is .....
- 29) The greatest 3 – digit number can be formed from  
the digits 5 an 9 is .....
- 30) The smallest 3 – digit number can be formed from  
the digits 3 an 7 is .....
- 31) 5 hundreds = ..... tens = .....
- 32) 80 Tens = ..... hundreds
- 33) 900 ones = ..... hundreds
- 34) 900 ones = ..... tens
- 35) 7 hundreds = ..... tens = .....ones

**Third Answer the following**

**1) Write the following numbers in words :**

(a) **356** .....

.....

(b) **508** .....

.....

(c) **716** .....

.....

(d) **927** .....

.....

---

**2) Write the following numbers in digits :**

(a) **Six hundred and seventy four** : .....

(b) **Five hundred and eighteen** : .....

(c) **Two hundred and two** : .....

(d) **Two hundred and twenty** : .....

(e) **Two hundred and twenty two** : .....

---

**3) Complete :**

(a) **5 hundreds + 9 tens =** .....

(b) **3 hundreds + 7 ones =** .....

(c) **9 tens + 7 ones + 9 hundreds =** .....

(d) ..... hundreds + ..... tens + ..... ones = 967

(e) ..... Tens + ..... hundreds + ..... ones = 907

(f) ..... hundreds + ..... ones + ..... tens = 318



**4) Complete using < , = or > :**

$378 \square 873$

$\text{Two hundred and fifteen} \square 215$

$689 \square 698$

$7 \text{ hundreds} + 5 \text{ ones} \square 705$

$218 \square 318$

$3 \text{ hundreds} + 6 \text{ tens} \square 306$

$546 \square 549$

$7 \text{ tens} + 3 \text{ hundreds} \square 730$

$400 + 50 + 3 \square 453$

$200 + 80 + 6 \square 682$

$40 + 0 + 2 \square 402$

$7 + 0 + 4 \square 704$

$500 + 13 \square 503$

$70 + 800 \square 780$

**5) Arrange the following numbers in an ascending and in a descending order :**

752 , 289 , 105 , 687 , 392

The ascending order : .....

The descending order : .....

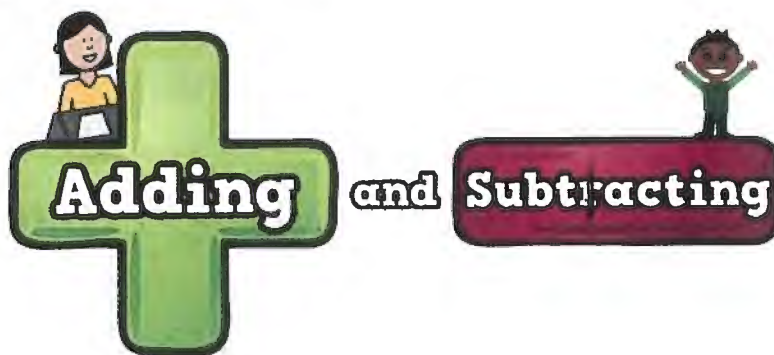
**6) Write all numbers that can be formed from the digits 3 , 5 and 7 , then complete :**

.....

The greatest number is .....

The smallest number is .....

# Chapter 3



## ADDING AND SUBTRACTING TWO-DIGIT NUMBERS



**LESSON**  
**1**

**Adding  
2-digit numbers**

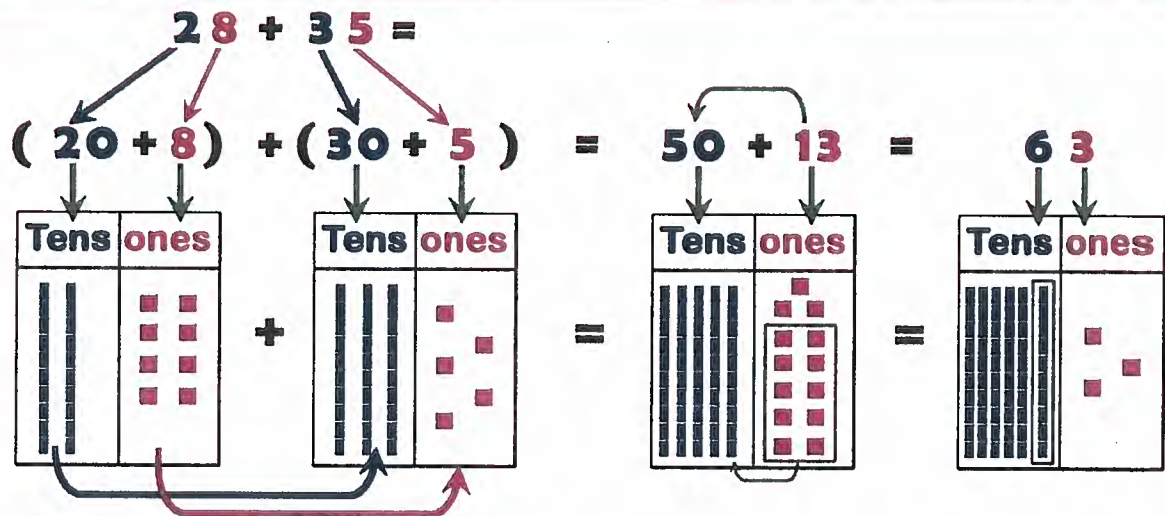
**Addition by Regrouping  
( Renaming )**

**Total tens ( 2 + 3 = 5 tens )**

**28 + 35**

**Total ones ( 8 + 5 = 13 ones )**

**The sum ( 5 tens + 13 ones = 63 )**



**2 tens + 8 ones + 3 tens + 5 ones = 5 tens + 13 ones = 6 tens + 3 ones**

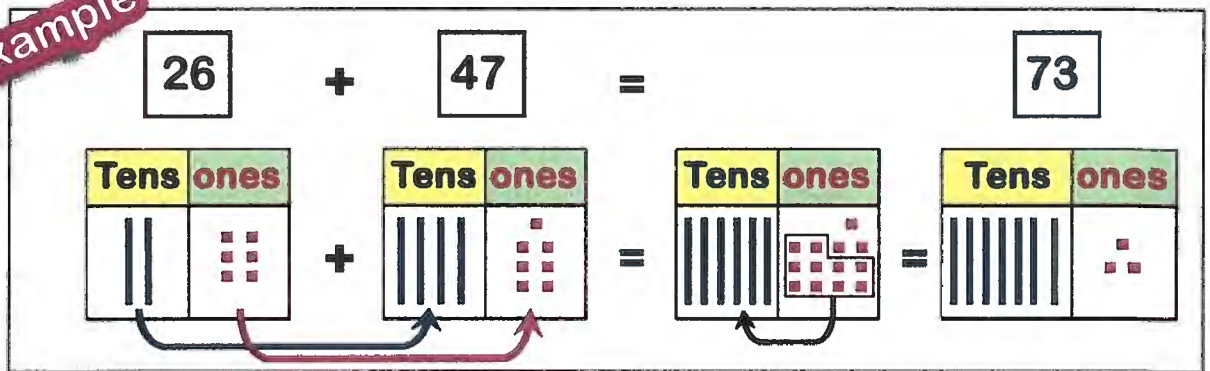
$$\begin{array}{r}
 1 \\
 28 \\
 + 35 \\
 \hline
 63 \\
 63
 \end{array}$$

8 plus 5 equals 13,  
write 3 and carry one over 2,  
2 becomes 3,  
3 plus 3 equals 6

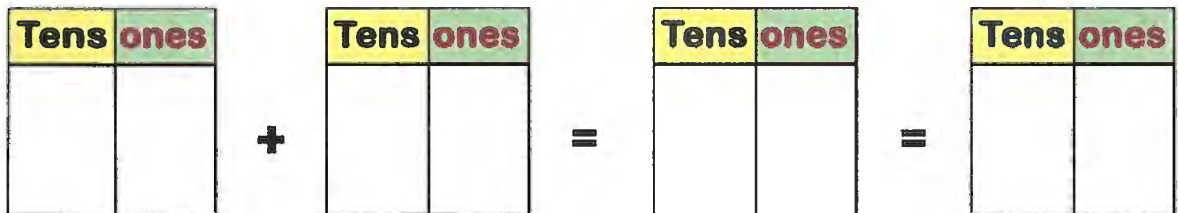
**1**  
**28 + 35 = 6 13 = 63**

Draw Tens sticks and Ones dots to represent each addend.  
Regroup the Ones. Find the sum.

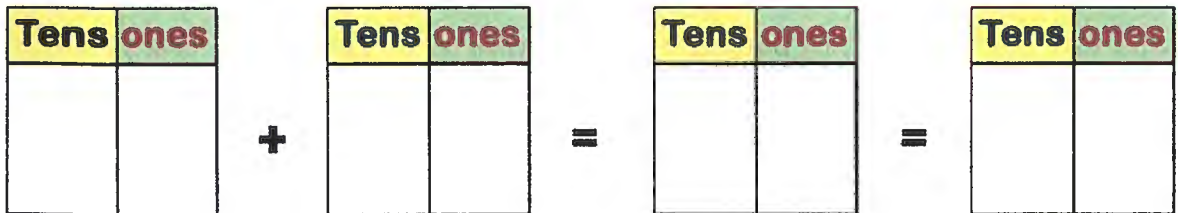
**Example**



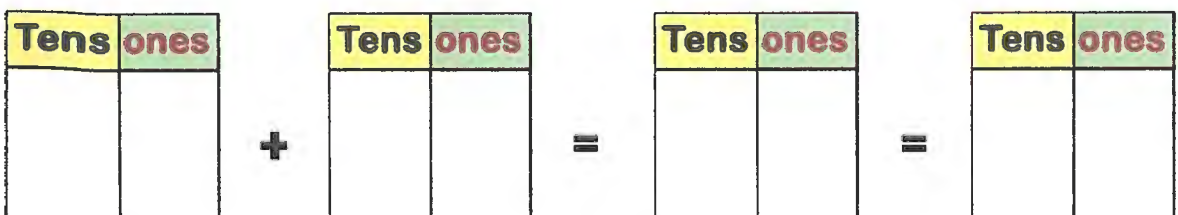
46 + 37 =



28 + 27 =



39 + 45 =





Find the sum of each of the following ( add ) :

$$\begin{array}{r} 36 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 56 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ 52 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ 6 \\ + 38 \\ \hline \end{array}$$

$$45 + 19 = \dots\dots\dots$$

$$63 + 28 = \dots\dots\dots$$

$$77 + 5 = \dots\dots\dots$$

$$39 + 27 = \dots\dots\dots$$

$$49 + 36 = \dots\dots\dots$$

$$45 + 37 = \dots\dots\dots$$

$$46 + 18 + 28 = \dots\dots\dots$$

$$39 + 6 + 29 = \dots\dots\dots$$

**HOMEWORK**

Draw Tens sticks and Ones dots to represent each addend.  
Regroup the Ones. Find the sum.

$$\boxed{56} + \boxed{28} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones

 $+$ 

Tens	ones

 $=$ 

Tens	ones

 $=$ 

Tens	ones

$$\boxed{63} + \boxed{17} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones

 $+$ 

Tens	ones

 $=$ 

Tens	ones

 $=$ 

Tens	ones

$$\boxed{49} + \boxed{25} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones

 $+$ 

Tens	ones

 $=$ 

Tens	ones

 $=$ 

Tens	ones

$$\boxed{51} + \boxed{39} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones

 $+$ 

Tens	ones

 $=$ 

Tens	ones

 $=$ 

Tens	ones



$$\boxed{73} + \boxed{9} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones	+	Tens	ones	=	Tens	ones	=	Tens	ones

$$\boxed{27} + \boxed{36} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones	+	Tens	ones	=	Tens	ones	=	Tens	ones

$$\boxed{58} + \boxed{26} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones	+	Tens	ones	=	Tens	ones	=	Tens	ones

$$\boxed{17} + \boxed{58} + \boxed{19} = \longrightarrow \boxed{\phantom{00}}$$

Tens	ones	+	Tens	ones	+	Tens	ones	=

Tens	ones

=

Tens	ones

Find the sum of each of the following ( add ) :

$$\begin{array}{r} 37 \\ + 58 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 23 \\ + 47 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 86 \\ + 4 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 3 \\ + 65 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 26 \\ + 46 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 39 \\ + 55 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 18 \\ + 27 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 23 \\ + 9 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 37 \\ + 39 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 79 \\ + 9 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 33 \\ + 49 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 44 \\ + 34 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 25 \\ 35 \\ + 15 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 26 \\ 29 \\ + 24 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 59 \\ 6 \\ + 27 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 27 \\ 47 \\ + 2 \\ \hline \end{array}$$

.....



$56 + 29 = \dots\dots\dots$

$36 + 38 = \dots\dots\dots$

$27 + 68 = \dots\dots\dots$

$7 + 56 = \dots\dots\dots$

$38 + 57 = \dots\dots\dots$

$46 + 29 = \dots\dots\dots$

$49 + 26 = \dots\dots\dots$

$5 + 67 = \dots\dots\dots$

$16 + 75 = \dots\dots\dots$

$60 + 13 = \dots\dots\dots$

$64 + 9 = \dots\dots\dots$

$24 + 58 = \dots\dots\dots$

$9 + 44 = \dots\dots\dots$

$53 + 39 = \dots\dots\dots$

$52 + 39 = \dots\dots\dots$

$72 + 19 = \dots\dots\dots$

$23 + 58 = \dots\dots\dots$

$29 + 49 = \dots\dots\dots$

$75 + 5 = \dots\dots\dots$

$48 + 34 = \dots\dots\dots$

$82 + 8 = \dots\dots\dots$

$69 + 9 = \dots\dots\dots$

$18 + 46 + 17 = \dots\dots\dots$

$13 + 63 + 18 = \dots\dots\dots$

$45 + 25 + 9 = \dots\dots\dots$

$67 + 12 + 8 = \dots\dots\dots$

**First Choose the correct answer**

- a ..... comes right after 319 ( 320 or 318 or 329 )  
 b The value of 5 in the number 459 is ..... ( 5 or 50 or 500 )  
 c  $5 + 30 + 700 =$  ..... ( 537 or 375 or 735 )  
 d ..... is 10 more than 58 ( 68 or 158 or 48 )  
 e The greatest 3-digit number is ..... ( 900 or 987 or 999 )

**Second Complete the following**

- a The place-value of the digit 8 in the number 837 is .....  
 b  $783 = 700 + \dots + \dots$   
 c 8 ones + 6 hundreds + 4 tens = .....  
 d The smallest number formed from the digits 7, 8 and 3 is .....  
 e 205 , 204 , 203 , ..... , ..... , .....

**Third Answer the following**

- a Find the result :

$$45 + 37 = \dots\dots\dots$$

$$48$$

$$39$$

$$29 + 18 + 45 = \dots\dots\dots$$

$$+ 15$$

$$+ 8$$

- b Complete using  $<$  ,  $=$  and  $>$  :

$$785 \quad \square \quad 693$$

$$8 \text{ hundreds} + 5 \text{ ones} \quad \square \quad 850$$

$$215 \quad \square \quad 512$$

$$6 + 50 + 900 \quad \square \quad 900 + 56$$

- c Arrange the following number in a descending order :

900 , 909 , 90 , 990 , 99

The order : ..... , ..... , ..... , ..... , .....

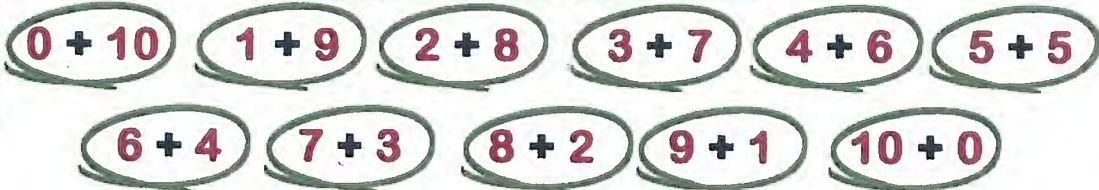


LESSON  
2

# Adding 2-digit numbers

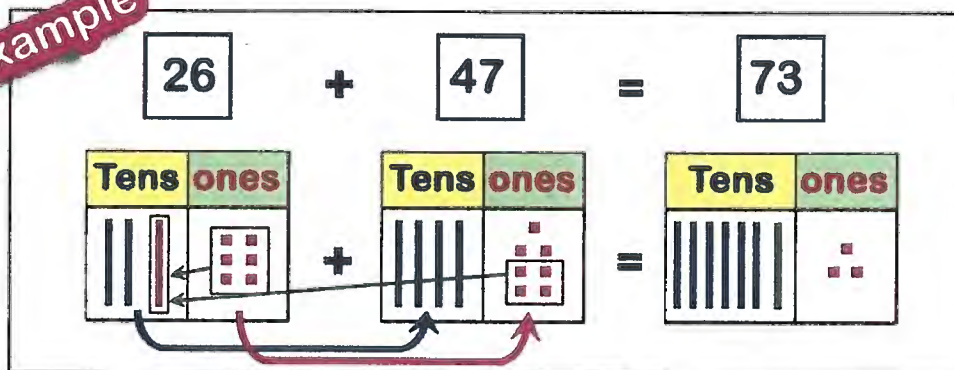
## Addition using the ten components

### Components of the number 10

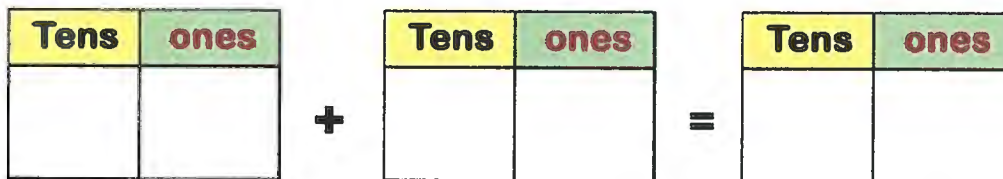


Draw Tens sticks and ones dots to show each number . Find the sum:  
Use the ten componens :

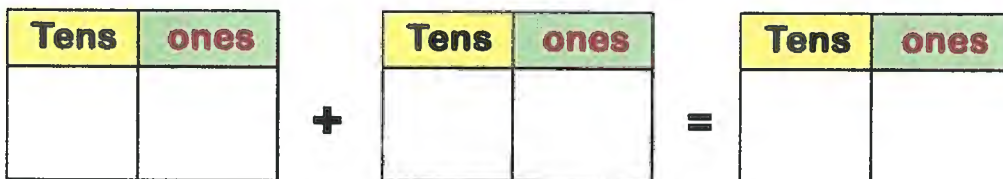
Example



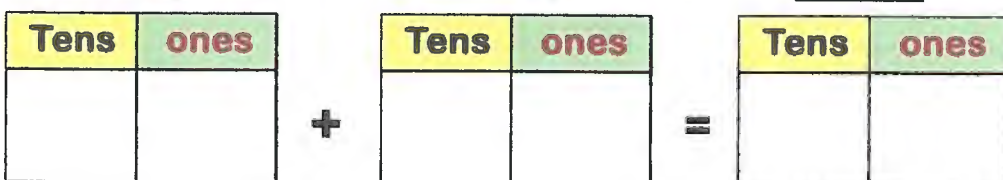
$$\boxed{45} + \boxed{37} = \boxed{\phantom{00}}$$



$$\boxed{38} + \boxed{46} = \boxed{\phantom{00}}$$



$$\boxed{24} + \boxed{19} = \boxed{\phantom{00}}$$



Solve as in the example :

**Example**  $27 + 35 + 12 + 16$

$27 + 35 = 62$ 

Tens	ones
	••••

 $+$ 

Tens	ones
	••

$12 + 16 = 28$ 

Tens	ones
	•

 $+$ 

Tens	ones
	•••

$62 + 28 = 90$ 

Tens	ones
	•

 $+$ 

Tens	ones
	•••

$15 + 27 + 38 + 14$

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones

$37 + 26 + 15 + 17$

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones

$\dots + \dots = \dots$ 

Tens	ones

 $+$ 

Tens	ones



# HOMEWORK

Draw Tens sticks and ones dots to show each number . Find the sum:  
Use the ten componens :

28

+

37

=

--

Tens	ones

+

Tens	ones

=

Tens	ones

49

+

36

=

--

Tens	ones

+

Tens	ones

=

Tens	ones

59

+

28

=

--

Tens	ones

+

Tens	ones

=

Tens	ones

67

+

15

=

--

Tens	ones

+

Tens	ones

=

Tens	ones

56

+

24

=

--

Tens	ones

+

Tens	ones

=

Tens	ones

$$\boxed{28} + \boxed{37} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		

$$\boxed{47} + \boxed{24} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		

$$\boxed{18} + \boxed{62} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		

$$\boxed{58} + \boxed{8} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		

$$\boxed{17} + \boxed{29} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		

$$\boxed{34} + \boxed{44} = \boxed{\phantom{00}}$$

Tens	ones		Tens	ones		Tens	ones
		+			=		



$$45 + 18 + 17 + 19$$

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

$$26 + 24 + 35 + 9$$

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

$$19 + 17 + 25 + 16$$

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

..... + ..... = .....

Tens	ones

+

Tens	ones

$$8 + 18 + 17 + 29$$

..... + ..... = .....	..... + ..... = .....																
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones			<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones																
Tens	ones																
Tens	ones																
Tens	ones																

..... + ..... = .....								
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones							
Tens	ones							

$$45 + 15 + 18 + 6$$

..... + ..... = .....	..... + ..... = .....																
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones			<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones																
Tens	ones																
Tens	ones																
Tens	ones																

..... + ..... = .....								
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones							
Tens	ones							

$$25 + 19 + 13 + 24$$

..... + ..... = .....	..... + ..... = .....																
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones			<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones																
Tens	ones																
Tens	ones																
Tens	ones																

..... + ..... = .....								
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin: 0 10px;">+</div> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="background-color: yellow;">Tens</td><td style="background-color: lightgreen;">ones</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>	Tens	ones			Tens	ones		
Tens	ones							
Tens	ones							



# Sheet 2

## First Choose the correct answer

- a Nine hundred and sixty = ..... ( 960 or 690 or 906 )
- b The value of 8 in the number 819 is .... ( 8 or 80 or 800 )
- c  $800 + 9 + 60 = \dots\dots\dots$  (896 or 869 or 698 )
- d 5 hundreds + 2 ones = ..... (502 or 520 or 205 )
- e The smallest 3-digit number is ..... (100 or 102 or 111 )

## Second Complete the following

- a The place-value of the digit 7 in the number 276 is .....
- b  $783 = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$
- c ..... ones + ..... tens + ..... hundreds = 869
- d The smallest number formed from the digits 6,8 and 0 is .....
- e 695 , 696 , 697 , ..... , ..... , .....

## Third Answer the following

- a Find the result :

$15 + 38 = \dots\dots\dots$	$(15 + 28) + (19 + 37) = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$
$28 + 45 = \dots\dots\dots$	$(17 + 13) + (26 + 28) = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

- b Complete using < , = and > :

$107 \square 701$	Two hundred and sixteen $\square 260$
$203 \square 2 + 0 + 3$	4 hundreds + 8 tens $\square 400 + 80$

- c Match

5 hundreds + 1 ten + 7 ones

6 ones + 5 tens + 4 hundreds

200 + 70 + 4

400 + 56

270 + 4

500 + 17

LESSON  
3

Subtraction  
by regrouping

$45 - 28 =$

$(40 + 5) - (20 + 8) = (30 + 15) - (20 + 8) = 17$

**3 15**  
~~4 5~~  
- 2 8  
—  
1 7

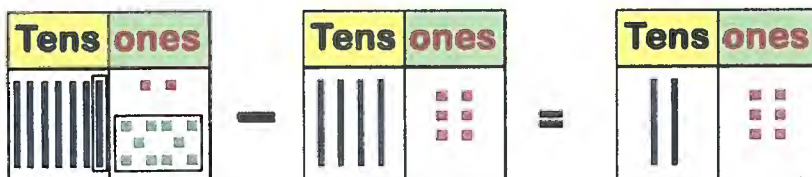
5 minus 8 can't be  
Borrow 1 from 4  
4 becomes 3 and 5 becomes 15  
15 minus 8 equals 7  
and 3 minus 2 equals 1

**3 15**  
~~4 5~~ - 2 8 = 1 7

Draw Tens sticks and Ones dots to represent each  
Regroup the Ones. Subtract :

Example

$72 - 46 = 26$





$$\boxed{75} - \boxed{19} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{83} - \boxed{27} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{60} - \boxed{15} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{45} - \boxed{37} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

**Subtract :**

$$\begin{array}{r} 82 \\ -47 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 60 \\ -8 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 93 \\ -59 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 41 \\ -6 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 63 \\ -28 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 55 \\ -49 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 42 \\ -25 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 77 \\ -59 \\ \hline \end{array}$$

.....

$81 - 28 = \dots\dots\dots$

$70 - 59 = \dots\dots\dots$

$62 - 15 = \dots\dots\dots$

$46 - 27 = \dots\dots\dots$

$73 - 9 = \dots\dots\dots$

$52 - 15 = \dots\dots\dots$

$64 - 7 = \dots\dots\dots$

$37 - 9 = \dots\dots\dots$



# HOMEWORK

Draw Tens sticks and Ones dots to represent each  
Regroup the Ones. Subtract :

$$\boxed{45} - \boxed{28} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{32} - \boxed{17} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{51} - \boxed{28} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

$$\boxed{72} - \boxed{16} = \boxed{\phantom{00}}$$

Tens	Ones

-

Tens	Ones

=

Tens	Ones

50

-

26

=

--

Tens	Ones

-

Tens	Ones

=

Tens	Ones

72

-

19

=

--

Tens	Ones

-

Tens	Ones

=

Tens	Ones

61

-

28

=

--

Tens	Ones

-

Tens	Ones

=

Tens	Ones

67

-

19

=

--

Tens	Ones

-

Tens	Ones

=

Tens	Ones

32

-

23

=

--

Tens	Ones

-

Tens	Ones

=

Tens	Ones



# Subtract

$$\begin{array}{r} 83 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 17 \\ \hline \end{array}$$

**Subtract :**

$92 - 66 = \dots\dots\dots$

$83 - 67 = \dots\dots\dots$

$85 - 58 = \dots\dots\dots$

$62 - 29 = \dots\dots\dots$

$71 - 9 = \dots\dots\dots$

$44 - 18 = \dots\dots\dots$

$60 - 55 = \dots\dots\dots$

$25 - 6 = \dots\dots\dots$

$53 - 4 = \dots\dots\dots$

$17 - 8 = \dots\dots\dots$

$44 - 27 = \dots\dots\dots$

$32 - 15 = \dots\dots\dots$

$36 - 9 = \dots\dots\dots$

$51 - 33 = \dots\dots\dots$

$27 - 19 = \dots\dots\dots$

$70 - 6 = \dots\dots\dots$

$18 - 9 = \dots\dots\dots$

$96 - 68 = \dots\dots\dots$

$54 - 36 = \dots\dots\dots$

$62 - 29 = \dots\dots\dots$



# Sheet 3

## First Choose the correct answer

- a Seven hundred and seven = ..... ( 777 or 707 or 770 )
- b 850 comes right after ..... ( 849 or 851 or 840 )
- c The value of 3 in the number 238 is ..... ( 3 or 30 or 300 )
- d  $50 + 200 + 9 =$  ..... ( 259 or 529 or 925 )
- e The greatest 3-digit number is ..... ( 100 or 987 or 999 )

## Second Complete the following

- a The place-value of the digit 9 in the number 659 is .....
- b  $580 =$  ..... + .....
- c .....ones + .....tens + .....hundreds = 467
- d The number that comes right before 700 is .....
- e 100 , 200 , 300 , ..... , ..... , .....

## Third Answer the following

- a Find the result :

$$\begin{array}{r} 45 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 19 \\ \hline \end{array}$$

- b Arrange the following numbers in an ascending order

705 , 507 , 75 , 750 , 570

..... , ..... , ..... , ..... , .....

- c Write the greatest and the smallest number formed from the digits 4 , 3 and 0

The greatest number : .....

The smallest number : .....

LESSON  
4

Word Problems

# Solving Word Problems

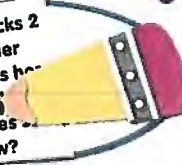
Maggie picks 2 flowers. Her mom gives her 2 more. How many does she have now?



## READ

Read the problem for understanding

Maggie picks 2 flowers. Her mom gives her 2 more. How many does she have now?



## CONSIDER

Underline the important facts and look for patterns.



## PLAN

Draw a picture, if needed, to help you solve the problem.

$$2+2=$$

## WRITE

Write an equation for the number problem.

$$2+2=4$$

## SOLVE

Solve the problem. Show your work.



## Evaluate

Does your answer make sense?  
If not, try again.



## Key Word



Add  
Total  
Plus

Sum  
All together  
In all

Subtract  
Difference  
Fewer  
How many more

Remain  
Less than  
Minus



Miryam found 68 seashells on the beach.  
Her sister found 27 seashells.  
How many seashells did they find in all?

.....

Hassan bought 23 chocolate cookies.  
He also bought 39 cookies.  
How many cookies does Hassan have in all?

.....

Sabrine made 30 biscuits with her mom.  
They ate 25 biscuits.  
How many biscuits were left?

.....

Samir had 72 coins but then he lost 28 of them. How  
many coins did he have left?

.....

Nada had LE 82 , She bought a pen for LE 36 and  
a book for LE 17  
How many LE did she have left ?

.....

.....

.....

- 1) Farah bought a toy for LE 45 and a book for LE 28 .  
How much money did she pay ?  
.....
- 2) Sama found 72 seashells on the beach. Her sister found 18 seashells. How many seashells did they find in all?  
.....
- 3) Hesham has LE 17 and Hoda has LE 36 .  
How much money did they have altogether ?  
.....
- 4) Hassan bought 23 chocolate cookies. He also bought 39 cookies. How many cookies does Hassan have in all?  
.....
- 5) Alaa had 45 pounds. Her mother gave her 28 pounds.  
How much money do you have now?  
.....
- 6) Aisha went on a bug hunt. She counted 67 ants and 28 crickets. How many bugs did she find in all?  
.....
- 7) Layla has a collection of stickers. She has 54 car stickers and 36 superhero stickers.  
How many stickers does Layla have all together?  
.....
- 8) Sama bought a sandwich for LE 17 , a toy for LE 28 and candies for LE 15 . How much money did she pay ?  
.....



9) Sabrina made 30 biscuits with her mom. They ate 25 biscuits.  
How many biscuits were left?

.....

---

10) Rashida had 41 dates. She gave 15 to her sister.  
How many dates does Rashida have left?

.....

---

11) Mohamed Had LE 70 , He bought a T-shirt for LE 64 .  
How much money were left ?

.....

---

12) Samir had 72 coins but then he lost 28 of them.  
How many coins did he have left?

.....

---

14) Ramy has a 64-minute train ride. He has been on the train  
for 32 minutes. How many minutes are left on his train ride ?

.....

---

15) Nehal has LE 75 and Rana has LE 39.  
Find the difference between their money.

.....

---

16) There are 45 pupils in your class , 29 of the are girls .  
How many boys are there in the class ?

.....

**17) Saimaa had LE 80 , she bought bananas for LE 27 and oranges for LE 36 .  
How much money were left ?**

.....

.....

**18) Zeyad had LE 91 , He bought a ball for LE 35 and a pen for LE 7 . How much money were left ?**

.....

.....

**19 ) The sum of money that Ahmed , Nada and Noha have is LE 83  
If Ahmed has LE 36 and Nada has LE 23.  
How much money do Noha have?**

.....

.....

**19 ) The sum of money that Ahmed , Nada and Noha have is LE 83  
If Ahmed has LE 36 and Nada has LE 23.  
How much money do Noha have?**

.....

.....

**20) There are 91 balls in a box . 25 balls are red and 39 balls are green. and the rest are blue.  
How many blue balls are there in this box ?**

.....

.....



# Sheet 4

## First Choose the correct answer

- a The value of 3 in the number 183 is .... ( 3 or 30 or 300 )
- b ..... comes right after 299 ( 289 or 399 or 300 )
- c 6 hundreds + 7 tens = ..... ( 706 or 670 or 607 )
- d  $500 + 20 + 6 =$  ..... ( 625 or 652 or 526 )
- e  $562 <$  ..... ( 560 or 650 or 559 )

## Second Complete the following

- a  $(15 + 38) + (19 + 17) =$  ..... + ..... = .....
- b  $456 =$  ..... + 6
- c 900 , 800 , 700 , ..... , ..... , .....
- d The number that comes right before 500 is .....
- e The smallest 3 – digit number formed from the digits 9 and 4 is .....

## Third Answer the following

- a Find the result :

$$48 + 17 = \dots\dots\dots$$

$$42 - 16 = \dots\dots\dots$$

$$29 + 36 = \dots\dots\dots$$

$$70 - 8 = \dots\dots\dots$$

- b Complete using  $<$  ,  $=$  and  $>$  :

$$307 \boxed{\phantom{00}} 370$$

$$7 + 50 + 600 \boxed{\phantom{00}} 7 \text{ hundreds}$$

$$956 \boxed{\phantom{00}} 959$$

$$\text{Four hundred and twelve} \boxed{\phantom{00}} 400 + 12$$

- c Sara has LE 52 and her brother Fares has LE 28.

How much money do they have altogether ?

.....

LESSON  
5

The relationship between  
addition and subtraction

If  $27 + 36 = 63$ , Then  $63 - 27 = 36$   
 $63 - 36 = 27$

$28 + 17 = 45$ $\begin{array}{r} 28 \\ + 17 \\ \hline 45 \end{array}$	$13 + 37 = 50$ $\begin{array}{r} 13 \\ + 37 \\ \hline 50 \end{array}$	$70 - 28 = 42$ $\begin{array}{r} 70 \\ - 28 \\ \hline 42 \end{array}$	$62 - 49 = 13$ $\begin{array}{r} 62 \\ - 49 \\ \hline 13 \end{array}$
--------------------------------------------------------------------------	--------------------------------------------------------------------------	--------------------------------------------------------------------------	--------------------------------------------------------------------------

Find the result of :  $38 + 19$  then complete :

$38 + 19 = \dots\dots\dots$

$\dots\dots\dots + 38 = 57$

$\dots\dots\dots + 19 = 57$

$19 + \dots\dots\dots = 57$

$\dots\dots\dots - 38 = 19$

$\dots\dots\dots - 19 = 38$

$57 - \dots\dots\dots = 19$

$57 - \dots\dots\dots = 38$

Complete :

$45 + \dots\dots\dots = 98$

$59 + \dots\dots\dots = 74$

$\dots\dots\dots + 25 = 52$

$\dots\dots\dots + 48 = 70$

$75 - \dots\dots\dots = 32$

$96 - \dots\dots\dots = 48$

$\dots\dots\dots - 36 = 58$

$\dots\dots\dots - 38 = 50$

23	12	24	51	.....	.....	.....
$+\dots\dots$	$+\dots\dots$	$-\dots\dots$	$-\dots\dots$	$+36$	$-47$	$-24$
$\hline$	$\hline$	$\hline$	$\hline$	$\hline$	$\hline$	$\hline$
48	60	14	39	90	21	38



# HOMEWORK

If :  $18 + 37 = 55$  , Then :

$$55 - 18 = \dots\dots\dots$$

$$\dots\dots\dots - 18 = 37$$

$$55 - \dots\dots\dots = 18$$

$$18 + \dots\dots\dots = 55$$

$$\dots\dots\dots + 18 = 55$$

$$55 - 37 = \dots\dots\dots$$

$$\dots\dots\dots - 37 = 18$$

$$55 - \dots\dots\dots = 37$$

$$37 + \dots\dots\dots = 55$$

$$\dots\dots\dots + 37 = 55$$

If :  $38 + 26 = 64$  , Then :

$$64 - 26 = \dots\dots\dots$$

$$\dots\dots\dots - 26 = 38$$

$$64 - \dots\dots\dots = 26$$

$$26 + \dots\dots\dots = 64$$

$$\dots\dots\dots + 26 = 64$$

$$64 - 38 = \dots\dots\dots$$

$$\dots\dots\dots - 38 = 26$$

$$64 - \dots\dots\dots = 38$$

$$38 + \dots\dots\dots = 64$$

$$\dots\dots\dots + 38 = 64$$

If :  $35 + 58 = 93$  , Then :

$$93 - 35 = \dots\dots\dots$$

$$\dots\dots\dots - 35 = 58$$

$$93 - \dots\dots\dots = 35$$

$$35 + \dots\dots\dots = 93$$

$$\dots\dots\dots + 35 = 93$$

$$93 - 58 = \dots\dots\dots$$

$$\dots\dots\dots - 58 = 35$$

$$93 - \dots\dots\dots = 58$$

$$58 + \dots\dots\dots = 93$$

$$\dots\dots\dots + 58 = 93$$

**Complete :**

$$28 + \dots = 72$$

$$16 + \dots = 84$$

$$53 + \dots = 97$$

$$37 + \dots = 54$$

$$\dots + 12 = 38$$

$$\dots + 26 = 50$$

$$\dots + 54 = 96$$

$$\dots + 24 = 30$$

$$70 - \dots = 39$$

$$61 - \dots = 46$$

$$75 - \dots = 58$$

$$43 - \dots = 17$$

$$\dots - 54 = 17$$

$$\dots - 38 = 19$$

$$\dots - 32 = 48$$

$$\dots - 53 = 13$$

<b>25</b>	<b>37</b>	<b>48</b>	<b>47</b>	<b>56</b>
+ $\dots$	+ $\dots$	- $\dots$	- $\dots$	- $\dots$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<b>59</b>	<b>72</b>	<b>28</b>	<b>19</b>	<b>27</b>

$\dots$	$\dots$	$\dots$	$\dots$	$\dots$
+ <b>24</b>	+ <b>47</b>	- <b>21</b>	- <b>37</b>	- <b>15</b>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<b>60</b>	<b>70</b>	<b>15</b>	<b>46</b>	<b>59</b>

<b>31</b>	<b>62</b>	$\dots$	$\dots$
+ $\dots$	- $\dots$	+ <b>12</b>	- <b>46</b>
<hr/>	<hr/>	<hr/>	<hr/>
<b>57</b>	<b>14</b>	<b>50</b>	<b>39</b>



# Sheet 5

## First Choose the correct answer

- a 5 ones + 3 hundreds = ..... ( 503 or 305 or 350 )
- b The value of 0 in the number 509 is .... ( 0 or 10 or 100 )
- c Six hundred and six = ..... ( 660 or 666 or 606 )
- d  $70 + 200 + 9 =$  ..... ( 729 or 279 or 927 )
- e  $301 >$  ..... ( 399 or 299 or 400 )

## Second Complete the following

- a  $45 + \dots = 85$
- b  $369 = \dots + 300$
- c  $85 - \dots = 27$
- d The number that comes right after 399 is .....
- e The greatest 3 - same - digit number is .....

## Third Answer the following

- a Find the result :

$$16 + 39 = \dots$$

$$71 - 29 = \dots$$

$$47 + 18 = \dots$$

$$87 - 9 = \dots$$

- b Complete using  $<$ ,  $=$  and  $>$  :

$$55 + 20$$

$$47 + 28$$

$$75 + 600$$

6 hundreds

$$95 - 36$$

$$72 - 17$$

$$52 \text{ tens}$$

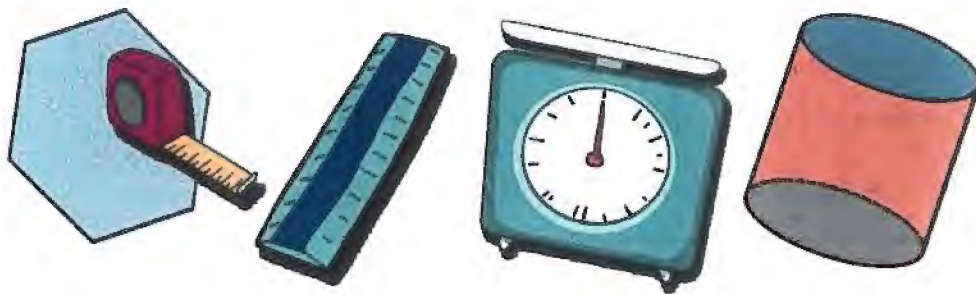
502

- c Eman had LE 82 , She bought a T-shirt for LE 38

Find the money left with Eman .

.....

# Chapter 4



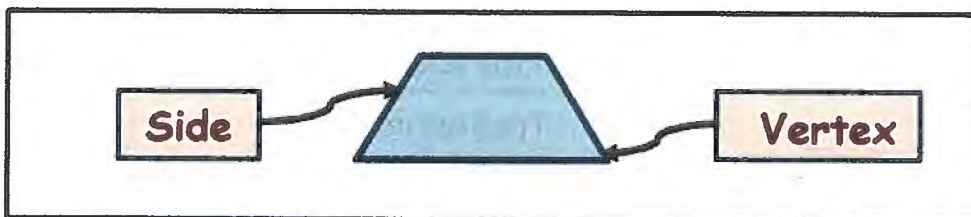
## Geometry and Measurement











# LESSON 1

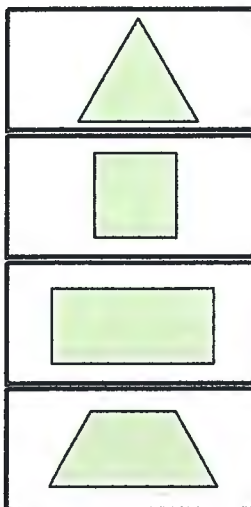
## Two-dimensional shapes

### 2D Shapes

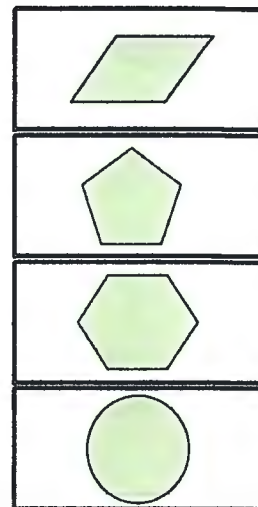


Shape	Name	Attributes	
		Sides	Vertices
	Triangle	3	3
Quadrilaterals		4 equal	4
		4 ( 2 short , 2 long )	4
		4 2 parallel , 2 not parallel	4
		4 equal	4
	Pentagon	5	5
	Hexagon	6	6
	Circle	0	0

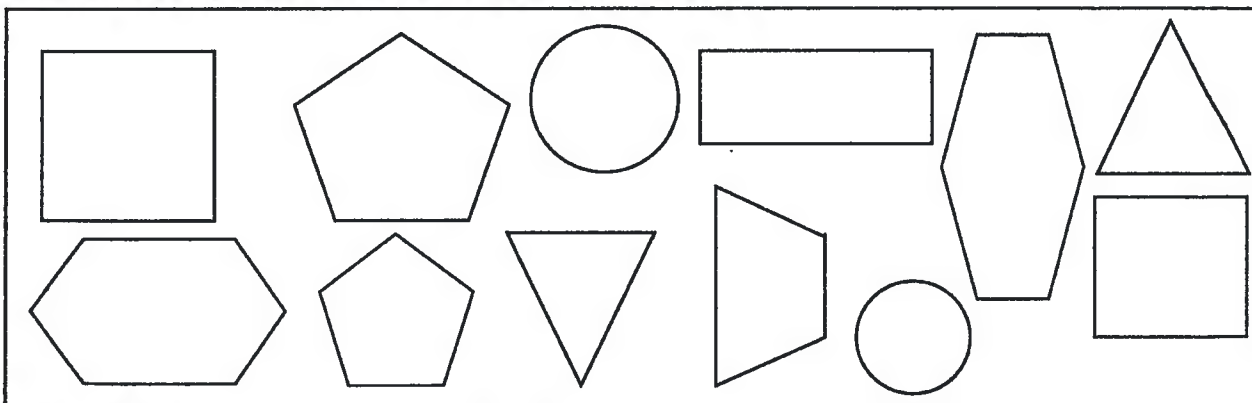
**Match each shape to its name :**



Triangle
Rhombus
Hexagon
Trapezoid
Square
Pentagon
Rectangle
circle



**Color the quadrilateral shapes ( 4 sides )**



**Complete**

a) The triangle has ..... sides

c) the hexagon has ..... sides

b) The square has ..... vertices

d) The pentagon has ..... vertices

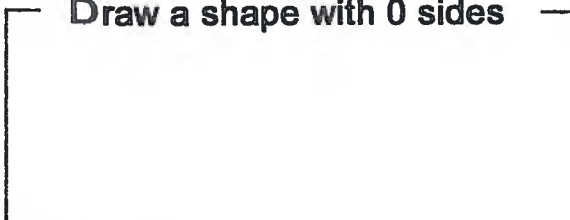
Draw a shape with 4 sides



Draw a shape with 3 vertices



Draw a shape with 0 sides







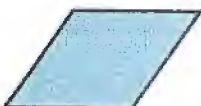

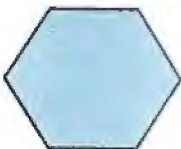

Draw a shape with 5 vertices





# HOMEWORK

Compleat the table

Shape	Name	Attributes	
		Sides	Vertices
	.....	.....	.....
Quadrilaterals		.....	.....
		..... ..... long ..... short	.....
		..... ..... parallel , ..... not parallel	.....
		.....	.....
	.....	.....	.....
	.....	.....	.....
	.....	.....	.....

**Write the name of each shape**



.....



.....



.....



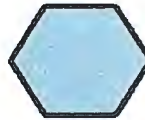
.....



.....



.....

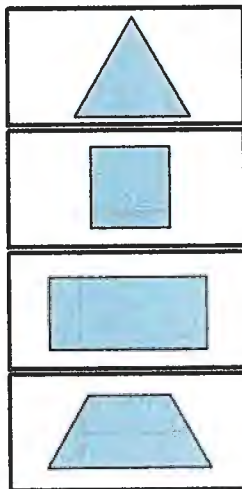


.....

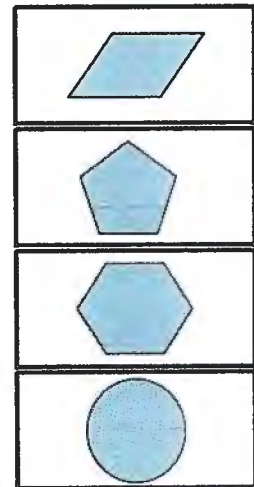


.....

**Match each shape to its name :**



Triangle
Rhombus
Hexagon
Trapezoid
Square
Pentagon
Rectangle
circle



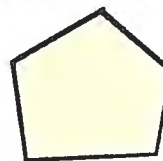
**Write the number of sides of each shape**



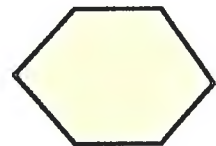
.....



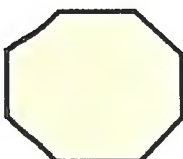
.....



.....



.....



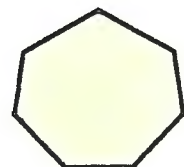
.....



.....



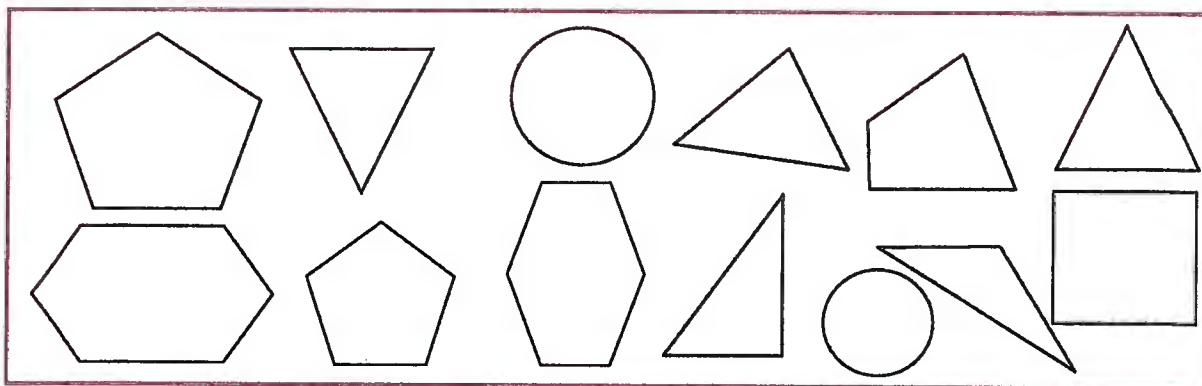
.....



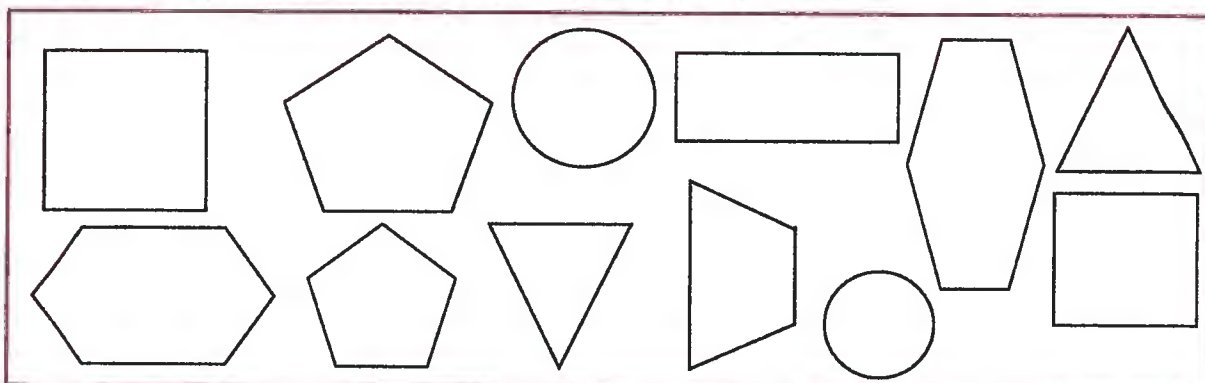
.....



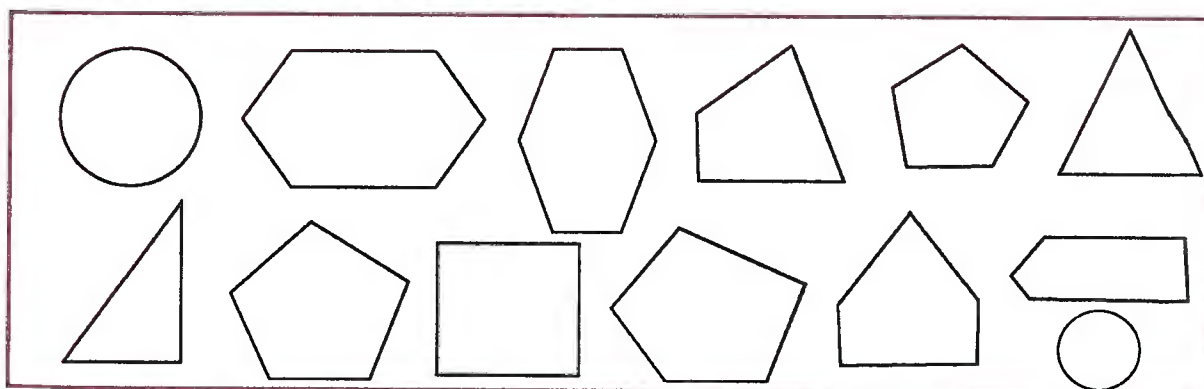
**Color the triangles ( 3 sides )**



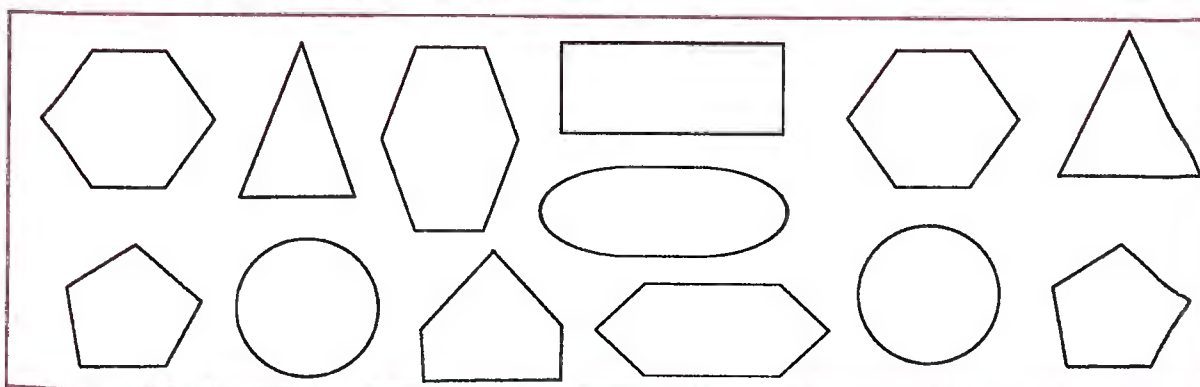
**Color the quadrilateral shapes ( 4 sides )**



**Color the pentagon ( 5 sides )**



**Color the pentagon ( 6 sides )**



**Complete**

- a) The triangle has ..... sides and ..... vertices.
- b) ..... and ..... are quadrilaterals with 4 equal sides.
- c) The rectangle has ..... sides ..... of them are long and ..... are short
- d) The ..... has 4 sides , 2 sides are parallel and 2 are not parallel .
- e) The ..... has 5 sides and 5 vertices .
- f) The ..... has 6 sides.
- g) The ..... has no sides.
- h) All sides of the square are ..... in length.

**Draw a shape with 3 sides**

**Draw a shape with 3 vertices**

**Draw a shape with 4 sides**

**Draw a shape with 5 vertices**

**Draw a shape with 0 sides**

**Draw a shape with 4 vertices**

**Draw a shape with 6 sides**

**Draw a shape with 5 vertices**



# Sheet 1

## First Choose the correct answer

- a The triangle has ..... sides ( 3 or 4 or 5 )
- b The rectangle has ..... sides ( 3 or 4 or 5 )
- c The value of 7 in the number 317 is .... ( 7 or 70 or 700 )
- d  $80 + 9 + 600 = \dots\dots\dots$  (896 or 869 or 689)
- e 300 ones = ..... tens ( 3 or 30 or 300 )

## Second Complete the following

- a The ..... has 5 sides and 5 vertices
- b 7 ones + 4 hundreds + 3 tens = .....
- c The ..... has 6 sides and the ..... has no sides
- d The smallest 3 – different – digit number is .....
- e ..... and ..... are quadrilaterals shape with 4 sides each .

## Third Answer the following

- a Complete using < , = and > :

785  758

The smallest 3-digit number  102

799  80 tens

$200 + 70 + 8$   278

- b Arrange the following numbers in an ascending order :

70 , 770 , 7 , 77 , 700

..... , ..... , ..... , ..... , .....

- c Write the name of each shape



.....



.....



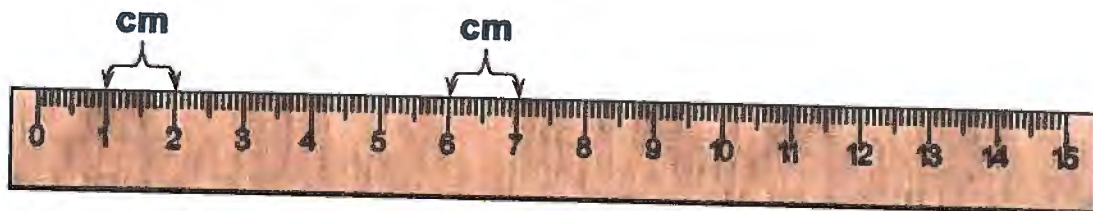
.....



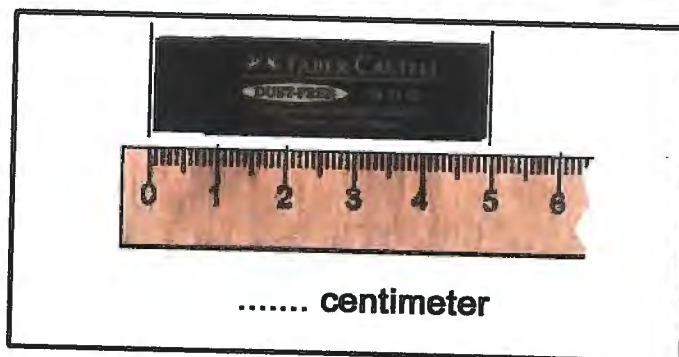
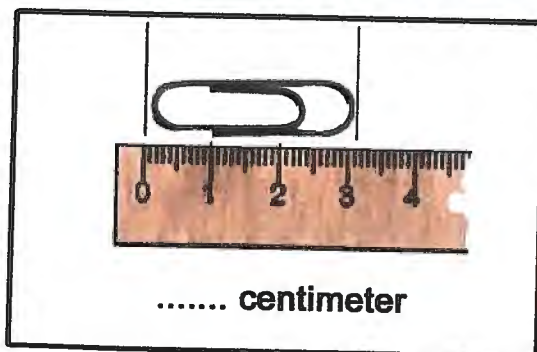
.....

**LESSON 2** **Measuring Length**

**Centimeter (cm)**

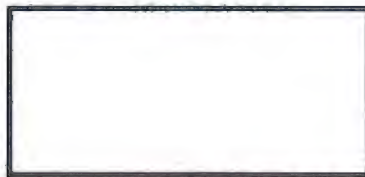
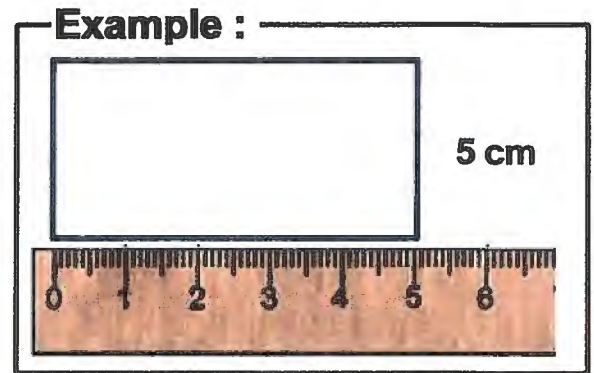
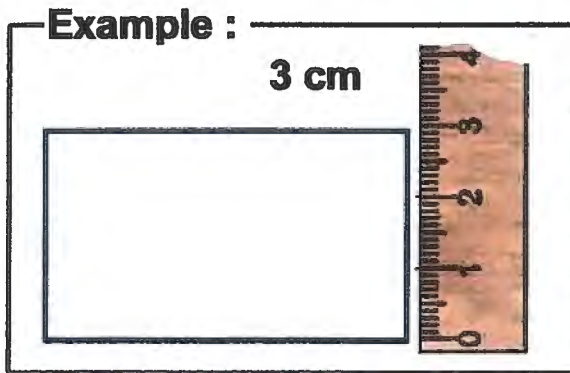


Use the ruler to measure the length of each object in centimeter :

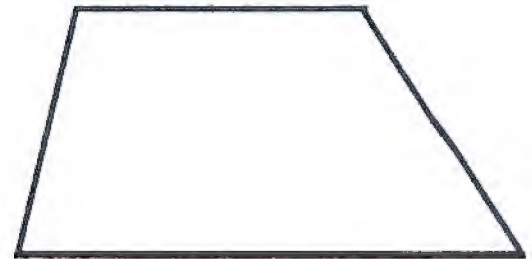




Measure the side length using the ruler :



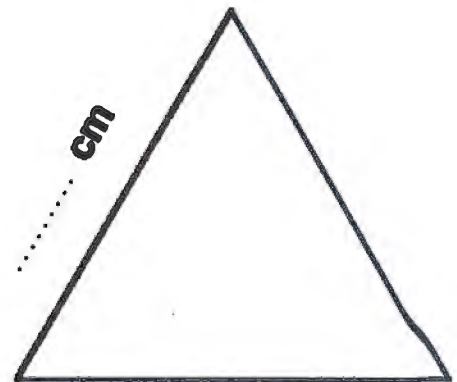
..... cm



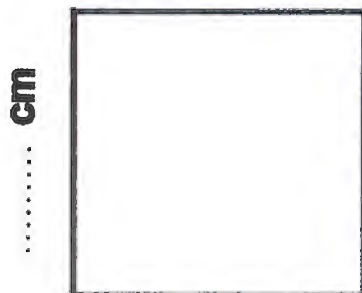
..... cm



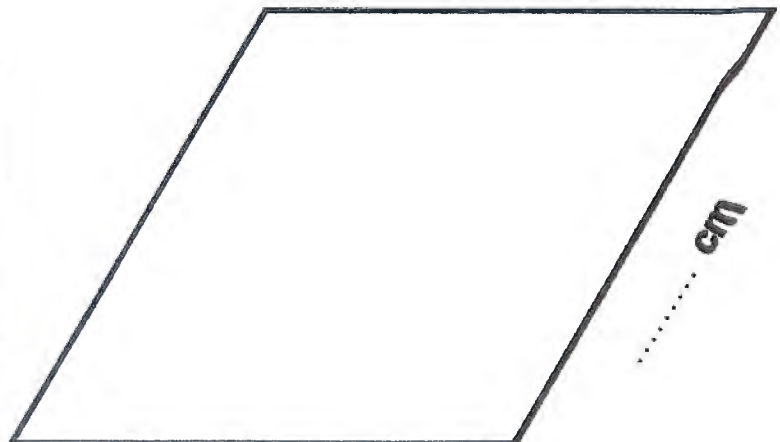
..... cm



..... cm



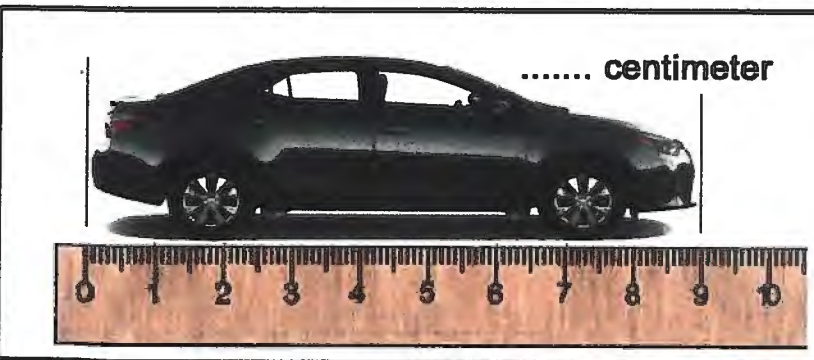
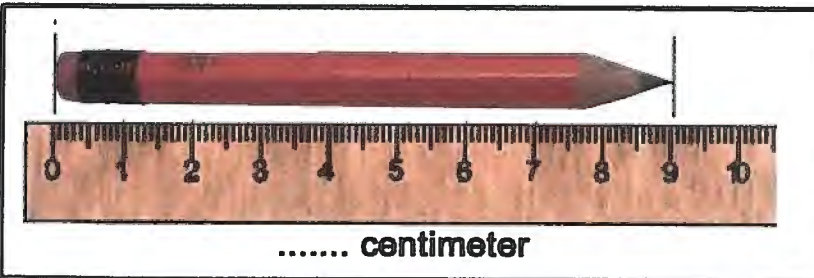
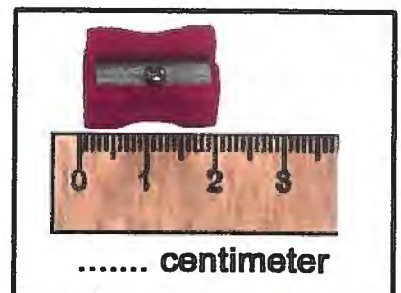
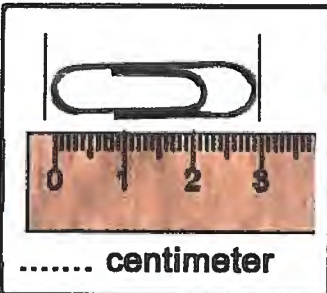
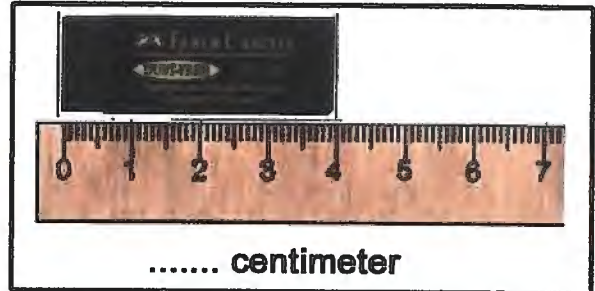
..... cm



..... cm

**HOMEWORK**

Use the ruler to measure the length of each object in centimeter :



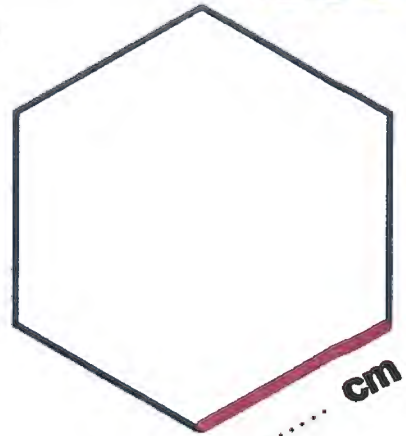


Measure the side length using the ruler :

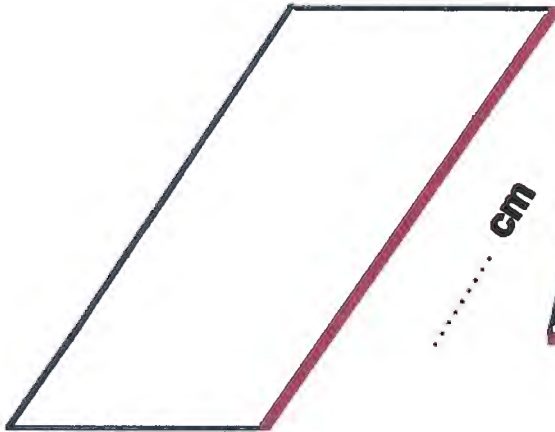


..... cm

..... cm



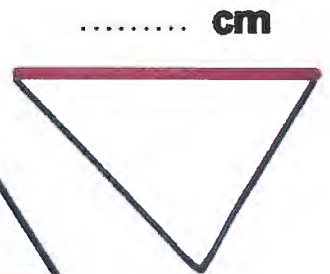
..... cm



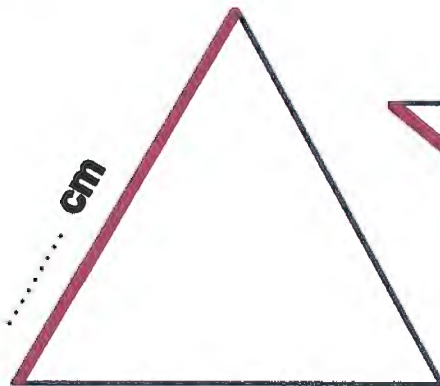
..... cm



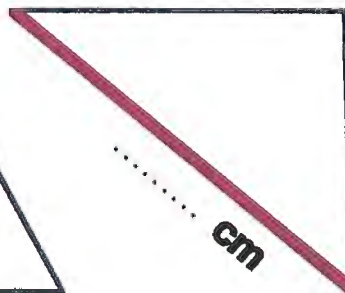
..... cm



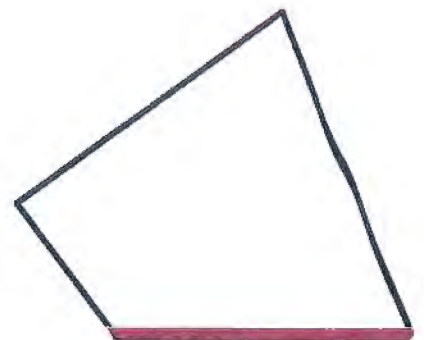
..... cm



..... cm



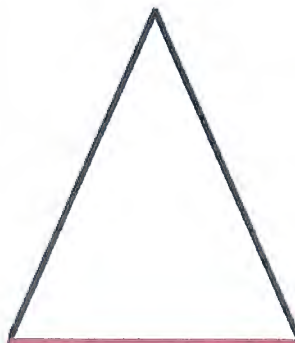
..... cm



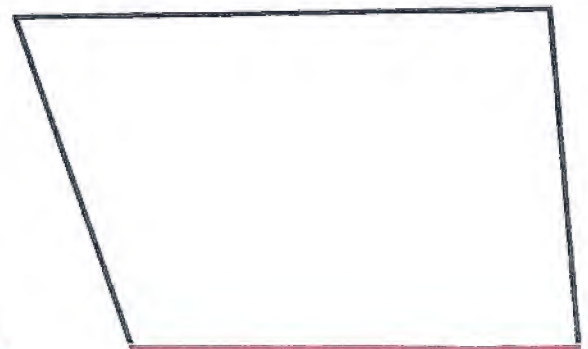
..... cm



..... cm



..... cm



..... cm

### First Choose the correct answer

- a The square has ..... sides ( 3 or 4 or 5 )
- b 569 comes right before ..... ( 579 or 560 or 570 )
- c The value of 0 in the number 710 is .... ( 0 or 10 or 100 )
- d 5 hundreds + 5 ones = ..... ( 555 or 505 or 550 )
- e 5 hundreds = ..... tens ( 5 or 50 or 500 )

### Second Complete the following

- a The ..... has no sides and no vertices
- b The greatest 3 – different – digit number is .....
- c  $45 + \dots = 82$
- d  $\dots - 23 = 68$
- e The rectangle has ..... sides , ..... sides of them are long and ..... sides of them are short

### Third Answer the following

- a Find the result :

$$\begin{array}{r} 47 \\ + 9 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 29 \\ + 38 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 62 \\ - 19 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 80 \\ - 46 \\ \hline \end{array}$$

.....

- b Arrange the following numbers in an ascending order :

909 , 90 , 900 , 990 , 99

..... , ..... , ..... , ..... , .....

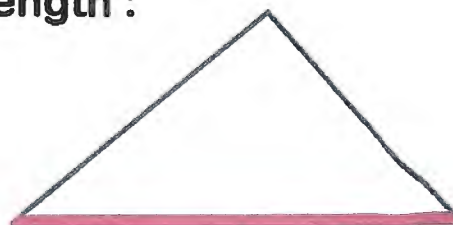
- c Use the ruler to measure the side length :



..... cm



..... cm



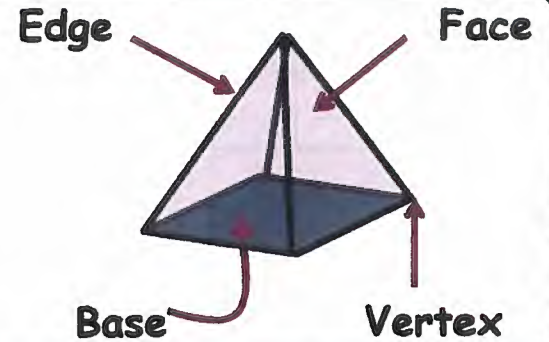
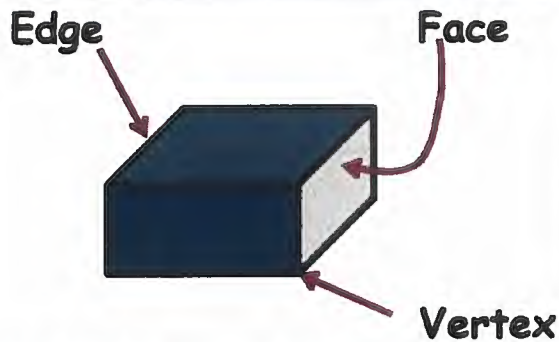
..... cm

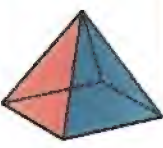



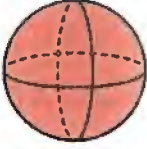

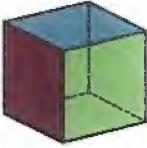

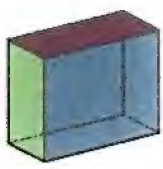



# LESSON 3

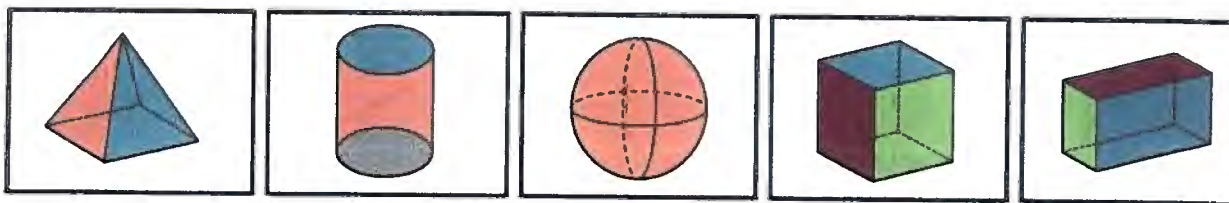
## 3-dimensional shapes

## 3D shapes Solids



Name	Shape ( Solid )	Faces	Edges	Vertices
Square-base pyramid	 	<b>5</b> 1 square face 4 triangular faces	<b>8</b>	<b>5</b>
Cylinder	 	<b>3</b> 2 circular faces 1 curved face	<b>0</b>	<b>0</b>
Sphere	 	<b>1</b> curved face	<b>0</b>	<b>0</b>
Cube	 	<b>6</b> Squared faces	<b>12</b>	<b>8</b>
Rectangular prism	 	<b>6</b> Rectangular faces	<b>12</b>	<b>8</b>

**Match each solid to its name :**



Cylinder	Sphere	Square-based pyramid	Rectangular prism	cube
----------	--------	----------------------	-------------------	------


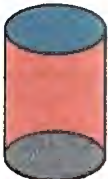

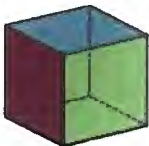
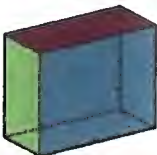
**Complete :**

- The cube has ..... faces and the shape of each face is .....
- The number of vertices of the cube is .....
- The number of edges of cube is .....
- The rectangular prism has ..... edges , ..... vertices and ..... faces , each face is a .....
- The square-based pyramid has ..... edges , ..... vertices and ..... faces , ..... face is a ..... and ..... face triangles
- ..... has no edges , no vertices and 1 curved face.
- ..... has no edges , no vertices and 1 curved face. and 2 circular faces .

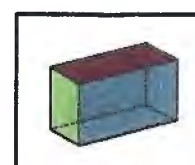
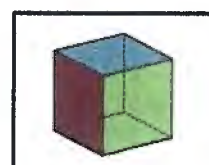
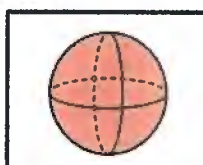
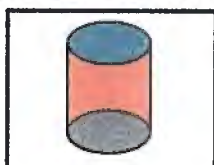
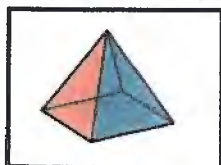


# **HOMEWORK**

Complete the table :

Name	Solid	Faces	Edges	Vertices
..... .....		..... ..... square face ..... triangular faces	8	5
.....		..... ..... circular faces ..... curved face	0	0
.....		..... curved face	0	0
.....		..... Squared faces	12	8
..... .....		..... Rectangular faces	12	8

Match each solid to its name :



Cylinder

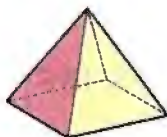
Sphere

Square-based  
pyramid

Rectangular  
prism

cube

Write the name of each shape



.....



.....



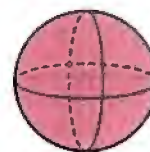
.....



.....



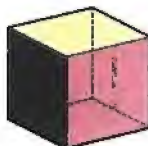
.....



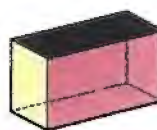
.....



.....



.....



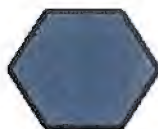
.....



.....



.....

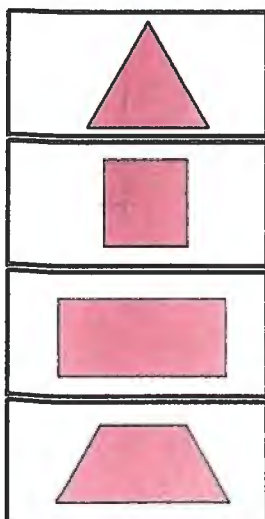


.....

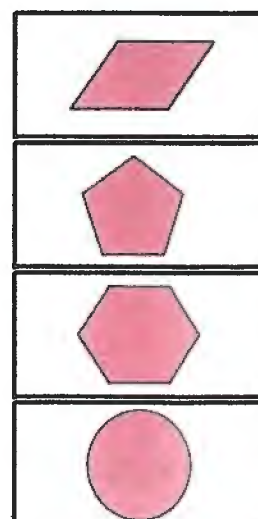


.....

Match each shape to its name :



Triangle
Rhombus
Hexagon
Trapezoid
Square
Pentagon
Rectangle
circle



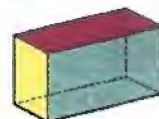


**Complete :**

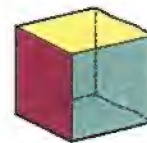
- a) The cube has ..... faces and the shape of each face is .....
- b) The number of vertices of the cube is .....
- c) The number of edges of cube is .....
- d) The rectangular prism has ..... edges , ..... vertices and ..... faces , each face is a .....
- e) The square-based pyramid has ..... edges , ..... vertices and ..... faces , ..... face is a ..... and ..... faces are triangles
- f) ..... has no edges , no vertices and 1 curved face.
- g) ..... has no edges , no vertices and 1 curved face. and 2 circular faces .

**Complete :**

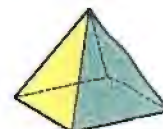
- a) The opposite solid is called .....  
it has ..... edges , ..... vertices and ..... faces ,  
and the shape of each face is .....



- b) The opposite solid is called .....  
it has ..... edges , ..... vertices and ..... faces ,  
and the shape of each face is .....



- c) The opposite solid is called .....  
it has ..... edges , ..... vertices and ..... faces ,  
..... face is a ..... and ..... faces are .....



- d) The opposite solid is called .....  
it has ..... edges , ..... vertices and ..... faces ,  
..... face is a ..... and ..... faces are .....



**First Choose the correct answer**

- a** The number of edges of cube = ..... ( 6 or 8 or 12 )
- b** The hexagon has ..... sides ( 5 or 6 or 0 )
- c** The place-value of the digit 4 in the number 248 is .....  
( hundreds or tens or ones )
- d** 7 hundreds + 7 tens = ..... (707 or 770 or 777 )
- e** The smallest 3 – digit number is ..... (100 or 999 or 102 )

**Second Complete the following**

- a** Five hundred and fifty ( in digits ) .....
- b** The number that comes right after 289 is .....
- c**  $78 - \dots = 56$
- d**  $43 + \dots = 70$
- e** ..... has no edges , no vertices and 1 curved face.

**Third Answer the following**

- a** Arrange the following numbers in a descending order :

204 , 420 , 240 , 402 , 224

..... , ..... , ..... , ..... , .....

- b** Write the name of each shape :



.....



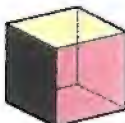
.....



.....



.....



.....



.....



.....



LESSON  
4

# Mass

Gram  
(gm)

and

Kilogram  
(kg)



balance



about  
5 grams  
5 gm



about  
5 kilograms  
5 kg

Decide which would be the best unit of measurement for weighing each object. Circle your answer.

grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



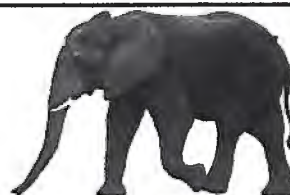
Bird



Rabbit



Dog



Elephant

Write the help of the figure answer using ( **lighter** ) or ( **heavier** )

a) The bird is ..... than the rabbit .

b) The dog is ..... than the elephant .

c) The rabbit is ..... than the bird .

d) The elephant is ..... than the dog.

**Read the word problem , Write a number sentence, and solve :**

- 1) Marwa has 1 dog that weighs 15 kilogram and 1 cat that weighs 7 kilogram. How much do both of marwa's pets weigh together ?**

$$\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

- 2) Fatima has a bicycle weighs 18 kilograms. Her brother has a tricycle that wighs 9 kilograms. How much do the bikes weigh all together ?**

$$\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

- 3) Yara bought a bag of flour that weighed 20 kilograms. She made cookies and used 5 kilograms of sugar. How many grams of flour does Yara have left ?**

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$

- 4) Basma has two rabbits , one of them weighed 4 kilograms and the other rabbit weighed 3 kilograms. Her brother has two rabbits , One of them weighed 5 kilograms and the other rabbit weighed 4 kilograms. How many kilograms do the all rabbits weighed ?**

$$\dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

- 5) Fares has a box of biscuits that weighs 83 grams . He eats 27 grams of the biscuits . How many grams of biscuits are left in the box ?**

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$



# HOMEWORK

Decide which would be the best unit of measurement for weighing each object. Circle your answer.

grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)





**Bird**



**Rabbit**



**Dog**



**Elephant**

Write the help of the figure answer using ( **lighter** ) or ( **heavier** )

- a) The bird is ..... than the rabbit.
- b) The bird is ..... than the dog.
- c) The bird is ..... than the elephant.
- d) The rabbit is ..... than the bird
- e) The rabbit is ..... than the dog
- f) The rabbit is ..... than the elephant.
- g) The dog is ..... than the bird
- h) The dog is ..... than the rabbit.
- i) The dog is ..... than the elephant.
- j) The elephant. is ..... than the bird
- k) The elephant. is ..... than the rabbit.
- l.) The elephant. is ..... than the dog.

**Read the word problem , Write a number sentence, and solve :**

- 1) Marwa has 1 dog that weighs 15 kilogram and 1 cat that weighs 7 kilogram.  
How much do both of marwa's pets weigh together ?

$$..... + ..... = .....$$

- 2) Reham two toy balls each weight 48 grams .  
How much do Reham's toy balls weigh together ?

$$..... + ..... = .....$$



- 3) Fatima has a bicycle weighs 18 kilograms.  
Her brother has a tricycle that wighs 9 kilograms.  
How much do the bikes weigh all together ?

$$\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

- 4) Yara bought a bag of flour that weighed 20 kilograms.  
She made cookies and used 5 kilograms of sugar.  
How many grams of flour does Yara have left ?

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$

- 5) The weigh of Eman is 48 kilograms and the weigh of  
Remas is 52 kilograms .  
Find the difference between their weighs .

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$

- 6) Basma has two rabbits , one of them weighed  
4 kilograms and the other rabbit weighed 3 kilograms.  
Her brother has two rabbits , One of them weighed  
5 kilograms and the other rabbit weighed 4 kilograms.  
How many kilograms do the all rabbits weighed ?

$$\dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

- 7) A grocer has 82 kilograms of sugar ,  
He sold 56 kilograms of the sugar.  
How many kilograms were left ?

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$

- 8) Fares has a box of biscuits that weighs 83 grams .  
He eats 27 grams of the biscuits .  
How many grams of biscuits are left in the box ?

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$

**First Choose the correct answer**

- a** The number of sides of pentagon = ..... ( 4 or 5 or 6 )
- b** The value of 4 in the number 438 is .... ( 4 or 40 or 400 )
- c** The greatest 3 – digit number is ..... (100 or 999 or 102 )
- d** 70 tens = ..... hundreds ( 7 or 70 or 700 )
- e** Nine hundred and twelve = ..... ( 912 or 920 or 921 )

**Second Complete the following**

- a** 603 ( in words ) : .....
- b** The number that comes right before 600 is .....
- c** 9 hundreds + 5 tens + 7 ones = .....
- d** The smallest number formed from 5 , 4 and 3 is .....
- e** The name of the solid that has 2 circular faces is .....

**Third Answer the following**

- a** Complete using < , = or > :

405  504

Two hundred and twenty  212

800  80 tens

70 + 500 + 8  758

- b** Arrange the following numbers in a descending order :

756 , 592 , 216 , 890 , 654

....., ....., ....., ....., .....

- c** The weigh of Eman is 37 kilograms and the weigh of Remas is 49 kilograms .

Find the sum of their weighs

.....



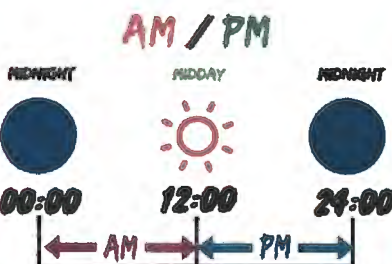
# LESSON 5

## Telling the Time

a.m. and p.m.

**a.m.**

The half of the day  
in the morning time  
from 12 midnight  
until 12 noon



**p.m.**

The half of the day  
in the afternoon and  
evening time  
from 12 noon  
until 12 midnight

Minutes hand  
عقرب الدقائق



Hours hand  
عقرب الساعات

### Analog clock



2 O'clock



Quarter  
past 2



Half  
past 4




Quarter  
to 5



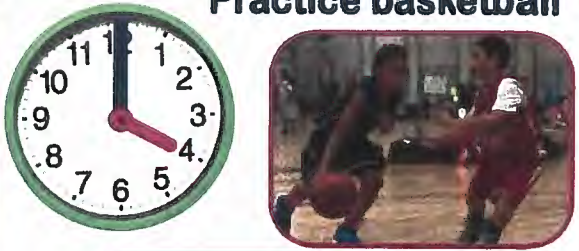
**Decide the activity happens in the a.m. or p.m.  
Circle the answer :**

**Eat breakfast**



**a.m. or p.m.**

**Practice basketball**



**a.m. or p.m.**

**Go to art class**




**a.m. or p.m.**

**Set the table for dinner**



**a.m. or p.m.**

**Read a bedtime story**




**a.m. or p.m.**

**Arrive at school**



**a.m. or p.m.**

**Ride home from school**



**a.m. or p.m.**

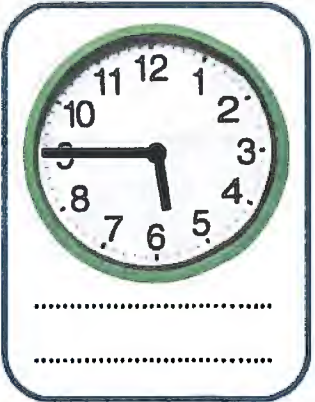
**Sleeping**



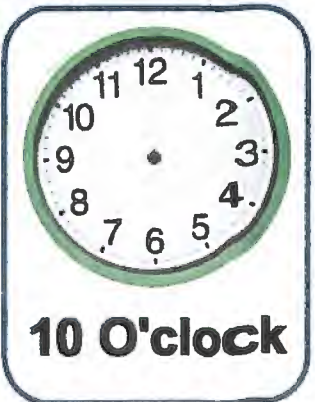
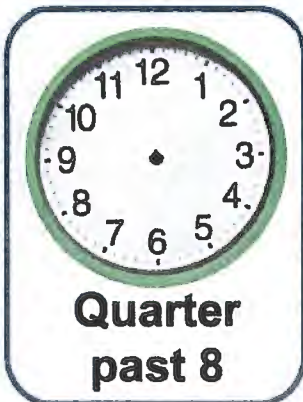
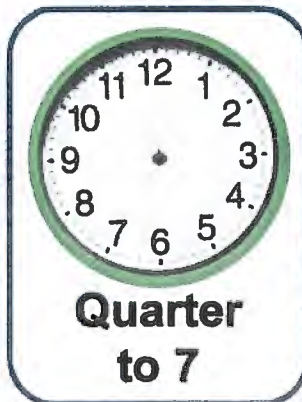
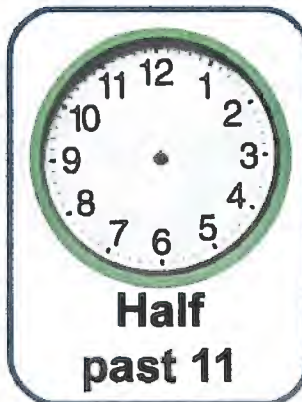
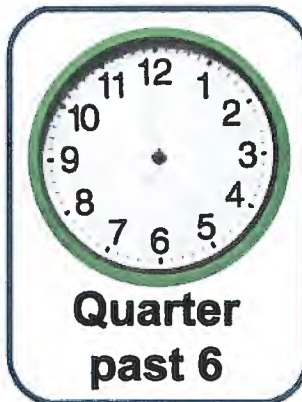
**a.m. or p.m.**



# Write the Time



## Draw the hands of the clock:







**HOMEWORK**



**Decide the activity happens in the a.m. or p.m.  
Circle the answer :**

**Eat breakfast**

**a.m. or p.m.**

**Practice basketball**

**a.m. or p.m.**

**Go to art class**






**a.m. or p.m.**

**Set the table for dinner**





**a.m. or p.m.**

**Read a bedtime story**

**a.m. or p.m.**

**Arrive at school**




**a.m. or p.m.**

**Ride home from school**




**a.m. or p.m.**

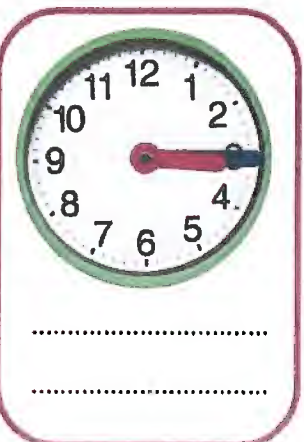
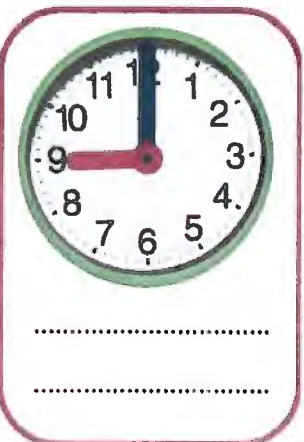
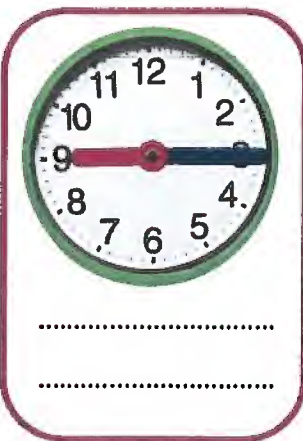
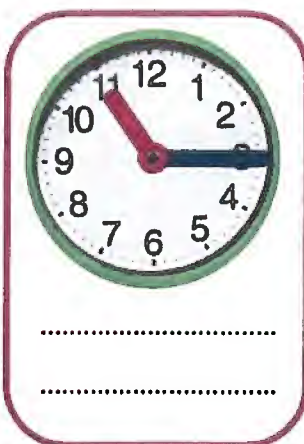
**Sleeping**




**a.m. or p.m.**

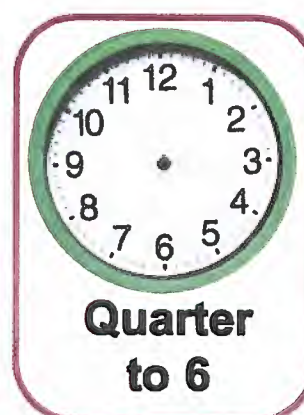
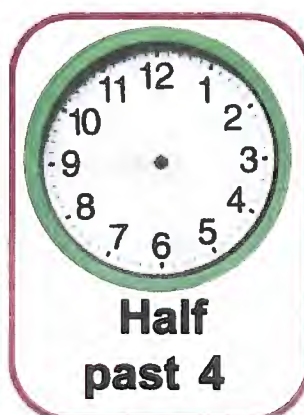
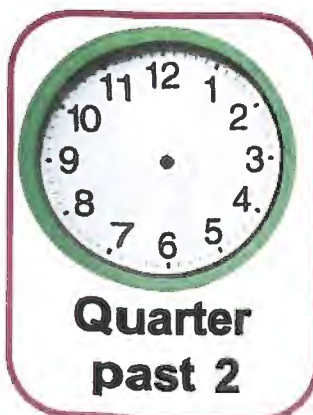
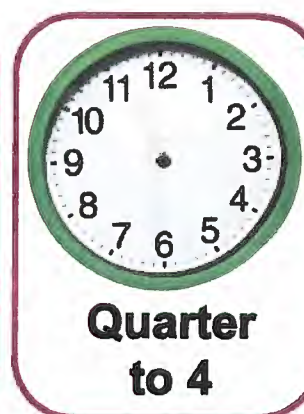
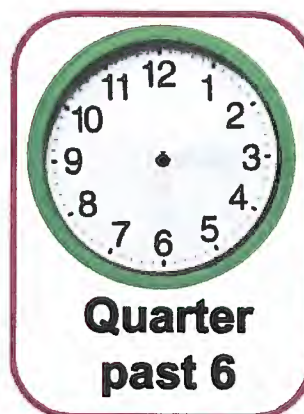
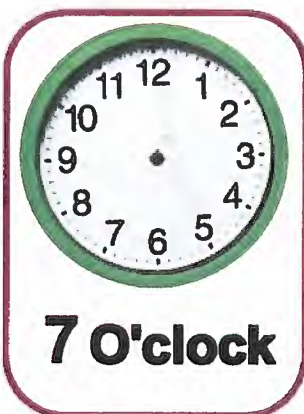
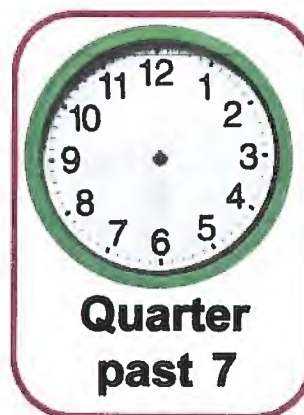
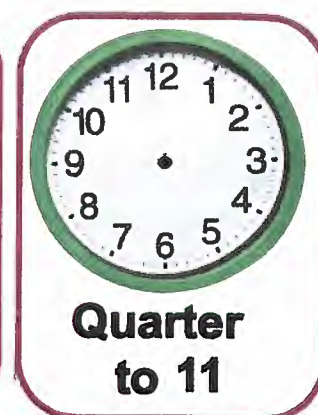
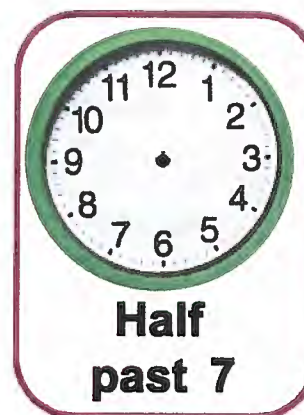
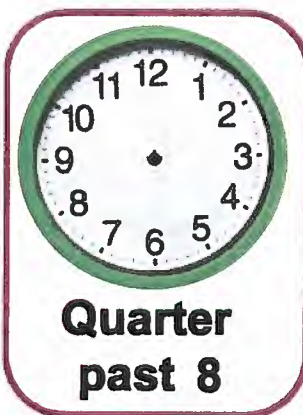


# Write the Time





**Draw the hands of the clock:**





**First Choose the correct answer**

- a** The smallest 3 – digit number is ..... ( 100 or 999 or 102 )
- b** 7 ones + 5 tens + 6 hundreds = ..... ( 756 or 657 or 576 )
- c** 799                      80 tens                      ( < or = or > )
- d** The cube has ..... faces                      ( 8 or 12 or 6 )
- e** ..... 35 = 60                      ( 25 or 95 or 35 )

**Second Complete the following**

- a** The place-value of the digit 0 in the number 309 is .....
- b** Five hundred and sixteen ( in digits ) = .....
- c** The number that comes right after 399 is .....
- d** The greatest number formed from 4 , 6 and 0 is .....
- e** The triangle has ..... sides and ..... vertices.

**Third Answer the following**

- a** Find the result :

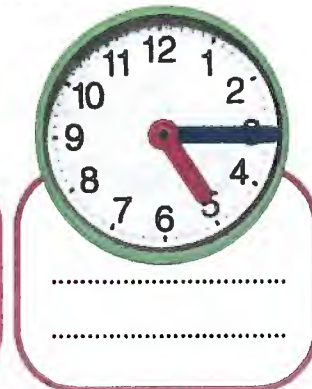
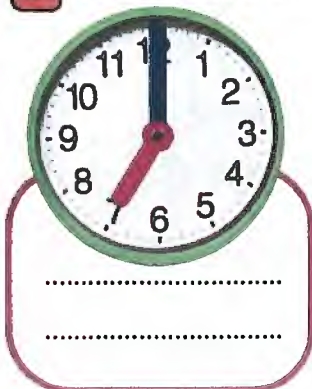
$$45 - 28 = \dots\dots\dots$$

$$70 - 6 = \dots\dots\dots$$

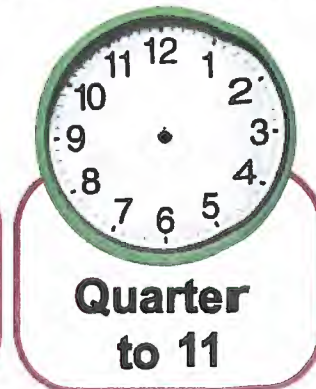
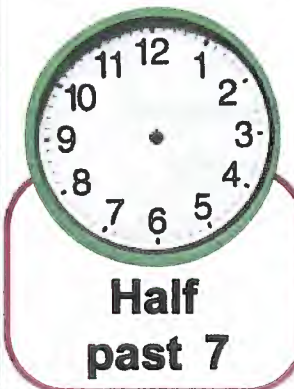
$$27 + 43 = \dots\dots\dots$$

$$65 + 8 = \dots\dots\dots$$

- b** Write the time :



**Draw the hands of the clock:**



- c** Hoda has LE 38 , and Nada has LE 49 .  
How much money do they have together ?

.....

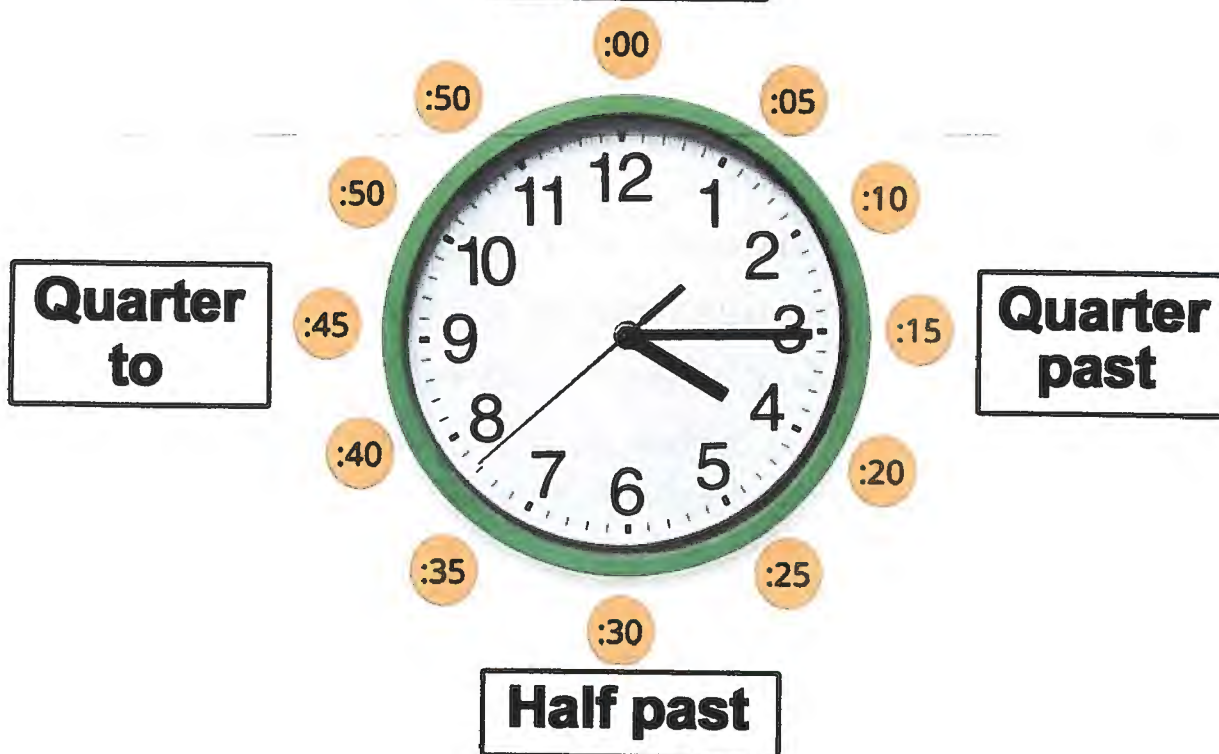
Hours  
الساعات



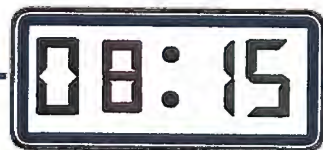
Minutes  
الدقائق

**Digital clock**

**O'clock**



**9 O'clock**



**Quarter past 8**



**Half past 2**



**Quarter to 3**



# Write the Time

09:00

.....

.....

05:15

.....

.....

04:30

.....

.....

07:45

.....

.....

10:00

.....

.....

08:15

.....

.....

11:30

.....

.....

06:45

.....

.....

..... : .....

9 O'clock

..... : .....

Quarter  
past 2

..... : .....

Half  
past 10

..... : .....

Quarter  
to 8

..... : .....

Quarter  
past 7

..... : .....

3 O'clock

..... : .....


Quarter  
to 1

..... : .....

half  
past 6




## Complete :



..... : .....

.....


.....



..... : .....

.....


.....



..... : .....

.....


.....



..... : .....


.....

.....




..... : .....

Quarter  
past 7




..... : .....

Half  
past 10



..... : .....


Quarter  
to 8



08:15

.....


.....



04:30

.....

.....



06:45

.....

.....



# HOMEWORK

Write the Time

10:00

.....

.....

8:30

.....

.....

6:15

.....

.....

2:45

.....

.....

12:15

.....

.....

5:30

.....

.....

2:15

.....

.....

9:45

.....

.....

11:30

.....

.....

7:45

.....

.....

1:15

.....

.....

3:00

.....

.....

8:00

.....

.....

9:30

.....

.....

2:45

.....

.....

4:15

.....

.....

6:45

.....

.....

5:00

.....

.....

6:00

.....

.....

2:30

.....

.....



## Write the Time



**1 O'clock**




**Quarter  
past 6**



**Half  
past 11**




**Quarter  
to 10**



**Quarter  
past 2**



**7 O'clock**



**Quarter  
to 12**



**half  
past 6**




**half  
past 3**




**Quarter  
past 8**



**2 O'clock**



**Quarter  
to 3**



**Quarter  
to 4**



**half  
past 9**



**Quarter  
past 4**



**12 O'clock**




**5 O'clock**



**Quarter  
past 3**



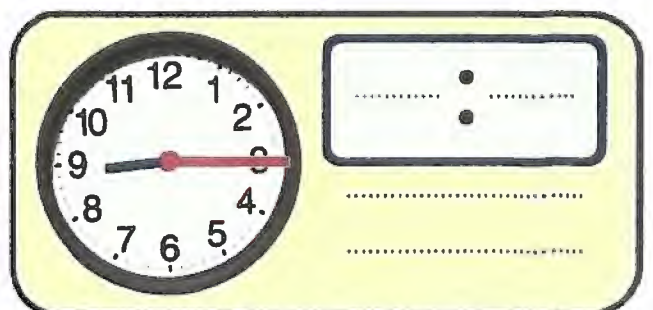
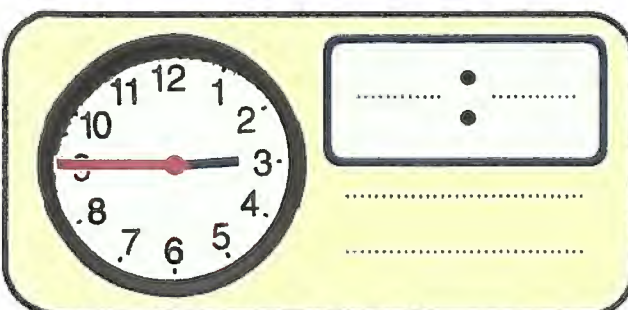
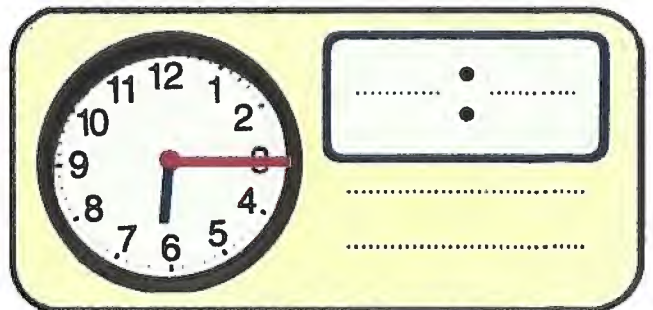
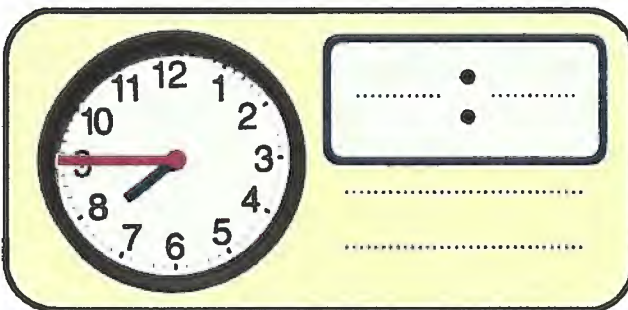
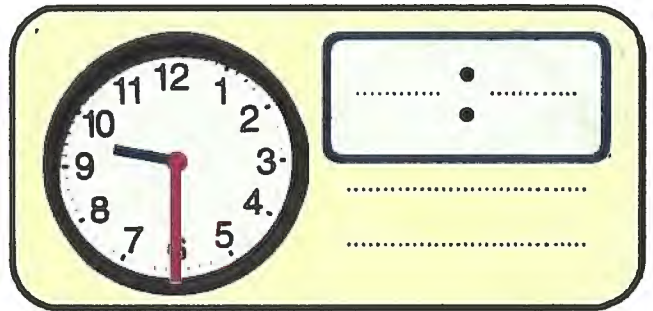
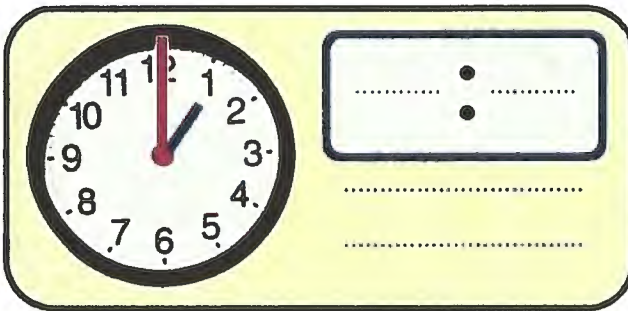
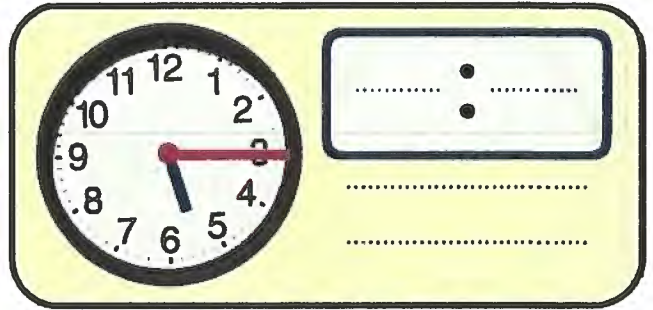
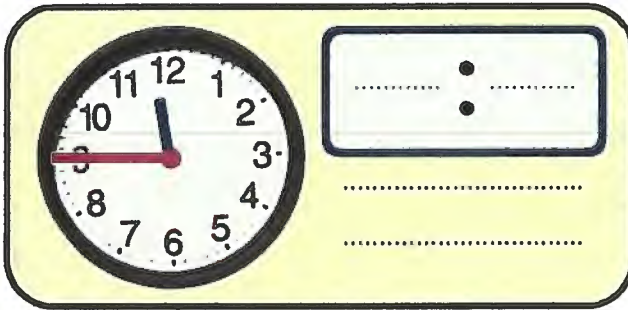
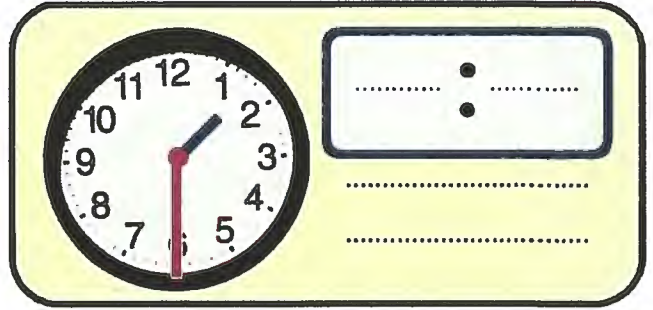
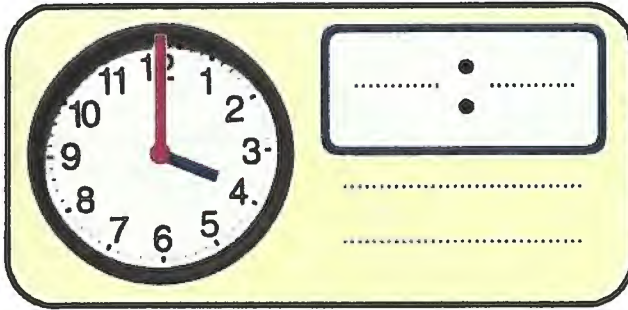
**Half  
past 8**



**Quarter  
to 7**




# Complete :






**Complete :**




..... : .....

**7 O'clock**




..... : .....

**half past 6**




..... : .....

**Quarter past 6**



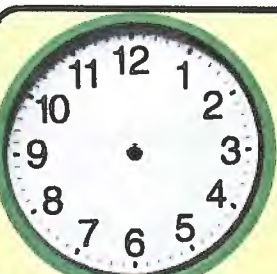
..... : .....

**Quarter to 12**




..... : .....

**Half past 11**




..... : .....

**half past 9**




..... : .....

**Quarter to 4**



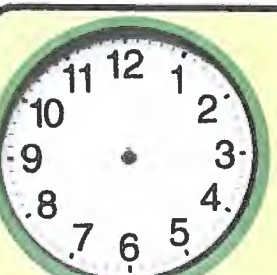
..... : .....

**12 O'clock**



..... : .....

**Quarter to 3**

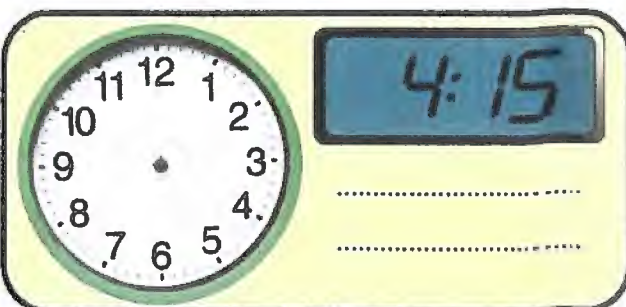
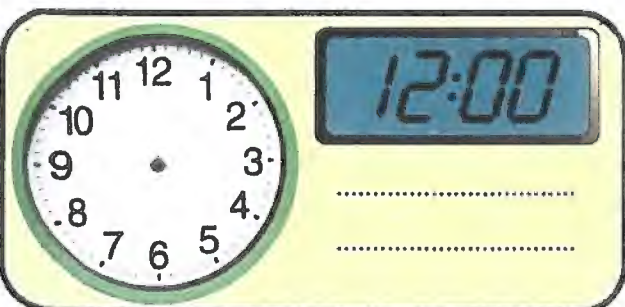
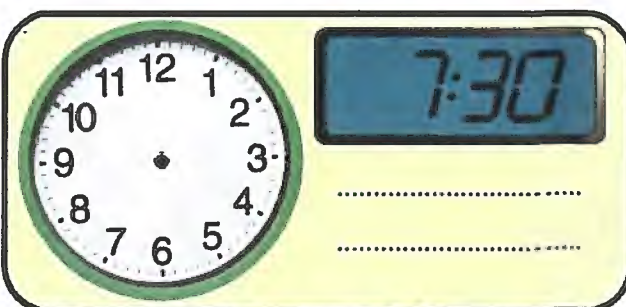
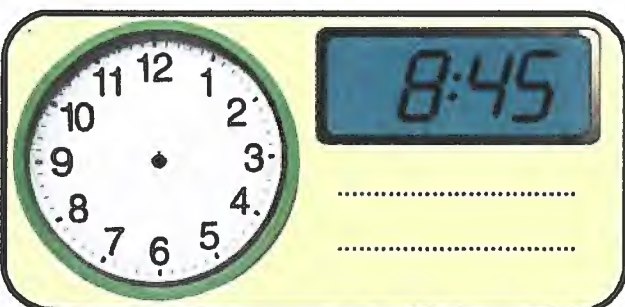
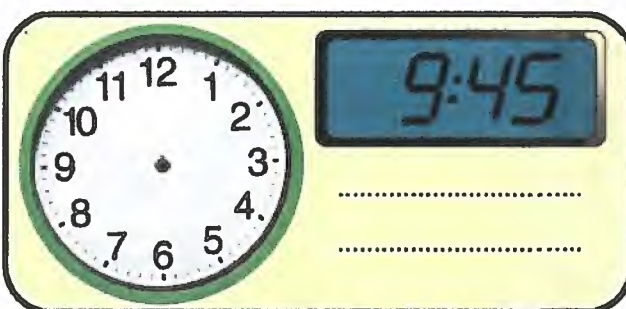
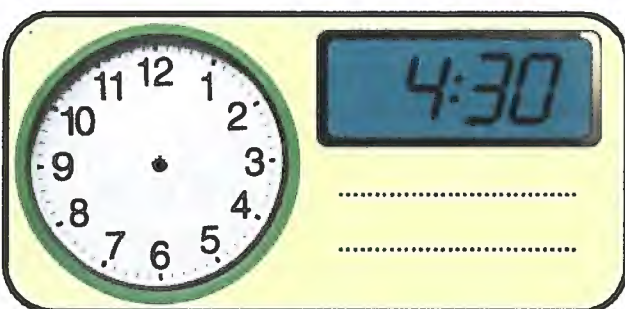
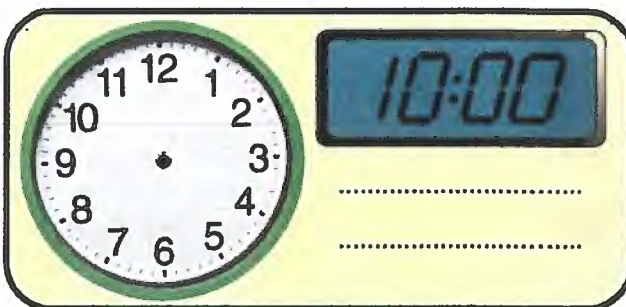
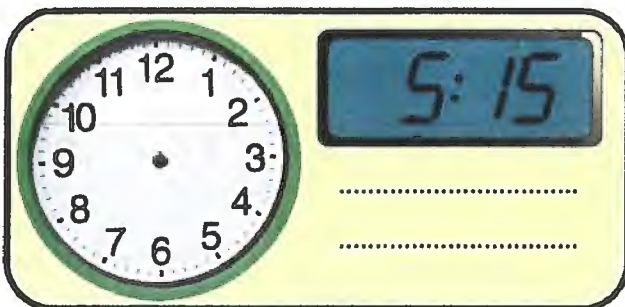
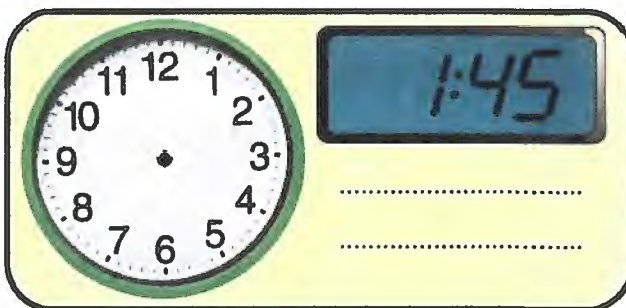
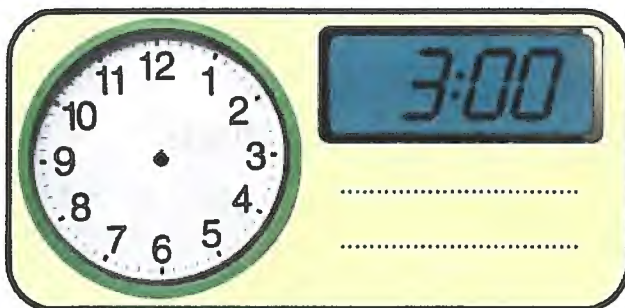


..... : .....

**Quarter past 8**



Complete :



**First Choose the correct answer**

- a** The greatest 3-digit number formed from the digits 3 and 4 is ..... ( 430 or 403 or 443 )
- b** The number that comes right after 560 is ..... ( 561 or 660 or 570 )
- c** 8 hundreds = ..... tens ( 800 or 80 or 8 )
- d** The value of the digit 3 in 439 is ..... ( 300 or 30 or 3 )
- e** The cylinder has ..... vertices ( 0 or 1 or 8 )

**Second Complete the following**

- a** The number that comes right before 500 is .....
- b** The square has ..... sides and ..... vertices.
- c**  $56 + \dots = 83$
- d** 275 , 274 , 273 , ..... , ..... , .....
- e** The ..... is a 2D-shape that has only 3 sides.

**Third Answer the following**

- a** Find the result :

$45 + 29 = \dots \quad 72 - 36 = \dots \quad 15 - 8 = \dots$

$63 + 27 = \dots \quad 500 + 30 + 9 = \dots$

- b** Complete using : < , = or > :

$45 + 36 \quad \square \quad 90 - 9 \quad 2 + 50 + 300 \quad \square \quad 253$

$72 - 56 \quad \square \quad 14 + 28 \quad \text{Nine hundred} \quad \square \quad 9 \text{ tens}$

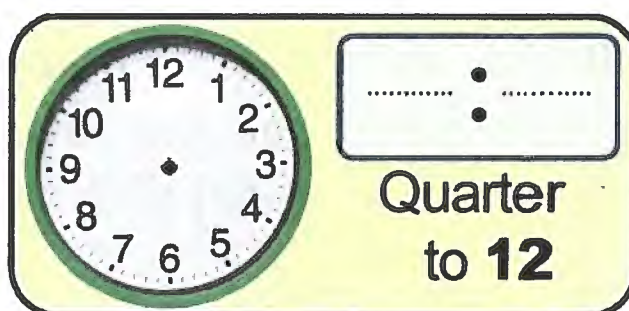
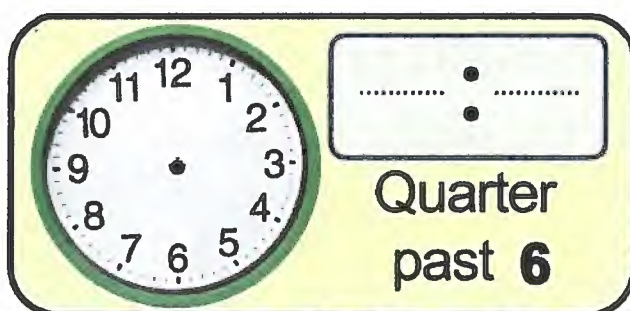
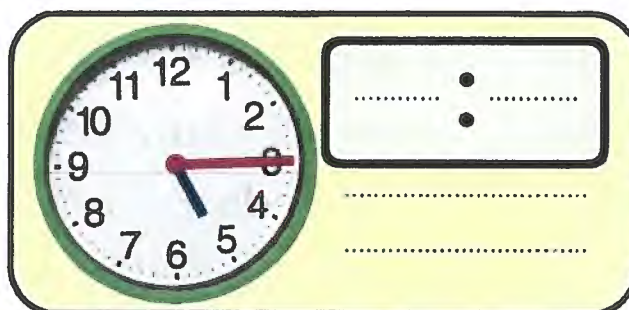
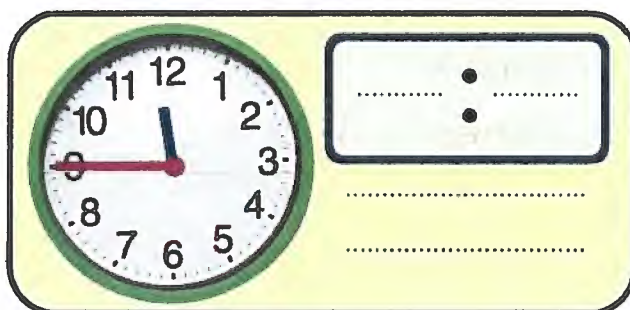
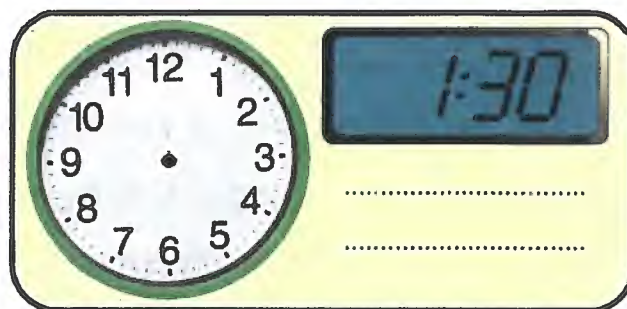
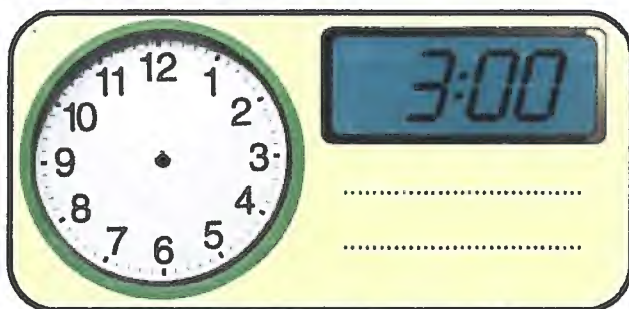
- c** Arrange in a descending order :

600 , 66 , 660 , 60 , 606

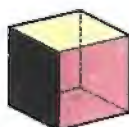
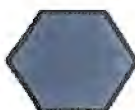
....., ....., ....., ....., .....



**Complete :**



**Write the name of each shape :**



**Sama bought a sandwich for LE 17 , a toy for LE 28 and candies for LE 15 . How much money did she pay ?**

.....

# General Exercises

**First** Complete the following

- (1) 5 hundreds + 7 tens + 4 ones = .....
- (2) 6 tens + 7 ones + 4 hundreds = .....
- (3) 2 tens + 8 hundreds = .....
- (4) 9 hundreds + 7 ones = .....
- (5) ..... hundreds + ..... tens + ..... ones = 478
- (6) ..... tens + ..... hundreds + ..... ones = 318
- (7) ..... hundreds + ..... ones + ..... tens = 803
- (8) Nine hundred and seventy two ( in digits ) : .....
- (9) Seven hundred and nine ( in digits ) : .....
- (10) Five hundred and fifteen ( in digits ) : .....
- (11) Four hundred and seventy ( in digits ) : .....
- (12) 569 ( in words ) : .....  
.....
- (13) 617 ( in words ) : .....  
.....
- (14) 507 ( in words ) : .....  
.....
- (15) 690 ( in words ) : .....  
.....
- (16) 6 hundreds , 7 tens and 3 ones = ..... and the  
number is read as : .....  
.....
- (17) 3 hundreds and 4 ones = ..... and the number is  
read as : .....  
.....



- (18) ..... hundreds + ..... tens + ..... ones = 598 , and the number is read as :.....  
.....
- (19) ..... hundreds + ..... tens + ..... ones =....., and the number is read as : Seven hundred and thirty four .
- (20) The place-value of the digit 6 in 768 is .....
- (21) The place-value of the digit 4 in 394 is .....
- (22) The value of the digit 0 in 308 is .....
- (23) The value of the digit 9 in 932 is .....
- (24)  $600 + 50 + 2 =$  .....
- (25)  $20 + 700 + 8 =$  .....
- (26)  $8 + 600 =$  .....
- (27)  $500 + 70 =$  .....
- (28)  $769 =$  ..... + ..... + .....
- (29)  $408 =$  ..... + .....
- (30)  $530 =$  ..... + .....
- (31) The number that comes right after 403 is .....
- (32) The number that comes right after 299 is .....
- (33) The number that comes right before 700 is .....
- (34) The number that comes right before 290 is .....
- (35) ..... comes right after 759
- (36) ..... comes right after 600
- (37) ..... comes right before 800
- (38) ..... comes right before 690
- (39) 455 comes right after .....
- (40) 700 comes right after .....
- (41) 380 comes right after .....

- (42) The greatest 3 – digit number is .....
- (43) The smallest 3 – digit number is .....
- (44) The greatest 3 – different – digit number is .....
- (45) The smallest 3 – different – digit number is .....
- (46) The greatest 3 – same – digit number is .....
- (47) The smallest 3 – same – digit number is .....
- (48) The greatest number formed from the digits :  
4 , 2 and 6 is .....
- (49) The greatest number formed from the digits :  
7 , 8 and 0 is .....
- (50) The smallest number formed from the digits :  
9 , 5 and 3 is .....
- (51) The smallest number formed from the digits :  
7 , 0 and 3 is .....
- (52) The greatest 3 – digit number formed from the  
digits : 8 and 3 is .....
- (53) The smallest 3 – digit number formed from the  
digits : 4 and 9 is .....
- (54) 564 , 565 , 566 , 567 , ..... , ..... , .....
- (55) 100 , 200 , 300 , 400 , ..... , ..... , .....
- (56) 705 , 704 , 703 , 702 , ..... , ..... , .....
- (57) 900 , 800 , 700 , 600 , ..... , ..... , .....
- (58) If  $35 + 28 = 63$  , then  $63 - 28 = \dots\dots\dots$  and  $63 - 35 = \dots\dots\dots$
- (59) If  $45 + 38 = 83$  , then  $\dots\dots\dots - 45 = 38$  and  $\dots\dots\dots - 38 = 45$
- (60)  $24 + \dots\dots\dots = 82$  (62)  $49 - \dots\dots\dots = 24$
- (61)  $\dots\dots\dots + 27 = 52$  (63)  $\dots\dots\dots + 19 = 42$



- (64) The triangle has ..... sides and ..... vertices .
- (65) The square has ..... equal sides and ..... vertices
- (66) The rectangle is a quadrilateral that has ..... sides  
..... short sides and ..... long sides , and ..... vertices
- (67) The rhombus has ..... equal sides and ..... vertices
- (68) The ..... has 5 sides .
- (69) The ..... has 6 sides .
- (70) The ..... has no sides and no vertices .
- (71) The square – base pyramid has ..... faces and  
..... edges
- (72) The ..... has 2 circular faces .
- (73) The ..... has 6 squared faces .
- (74) The rectangular prism has ..... rectangular faces  
and ..... edges and ..... vertices.

**Second Choose the correct answer**

- (1) Nine hundred sixty five = ..... ( 965 or 569 or 659 )
- (2) Two hundred and seventeen = ..... ( 270 or 207 or 217 )
- (3) Three hundred and three = ..... ( 330 or 333 or 303 )
- (4) 7 hundred + 2 tens + 4 ones = ..... ( 724 or 427 or 274 )
- (5) 5 ones + 6 tens + 8 hundreds = ..... ( 568 or 865 or 586 )
- (6) 2 hundreds + 8 tens = ..... ( 280 or 208 or 218 )
- (7) 8 hundreds + 7 ones = ..... ( 870 or 817 or 807 )
- (8)  $900 + 60 + 2 =$  ..... ( 926 or 962 or 369 )
- (9)  $8 + 70 + 100 =$  ..... ( 871 or 178 or 718 )
- (10)  $700 + 60 =$  ..... ( 706 or 607 or 760 )

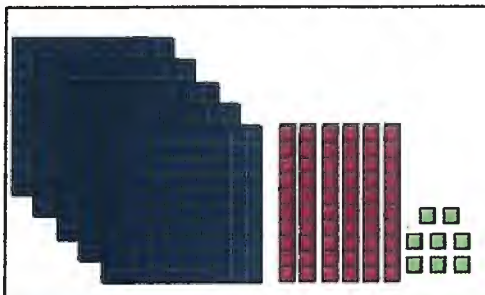
- (11)  $500 + 3 = \dots\dots\dots$  ( 8 or 53 or 503 )
- 
- (12)  $50 + 0 + 3 = \dots\dots\dots$  ( 8 or 53 or 503 )
- 
- (13)  $5 + 0 + 3 = \dots\dots\dots$  ( 8 or 53 or 503 )
- 
- (14) The value of the digit 5 in 285 is ..... ( 5 or 50 or 500 )
- 
- (15) The value of the digit 7 in 738 is ..... ( 7 or 70 or 700 )
- 
- (16) The value of the digit 0 in 906 is ..... ( 0 or 10 or 100 )
- 
- (17) The place – value of the digit 0 in the number 780 is .....  
( hundreds or tens or ones )
- 
- (18) The place – value of the digit 3 in the number 367 is .....  
( hundreds or tens or ones )
- 
- (19) The place – value of the digit 4 in the number 146 is .....  
( hundreds or tens or ones )
- 
- (20) ..... comes right after 259 ( 265 or 260 or 258 )
- 
- (21) ..... comes right before 700 ( 699 or 701 or 600 )
- 
- (22) 800 comes right after ..... ( 801 or 900 or 799 )
- 
- (23) 479 comes right before ..... ( 480 or 478 or 500 )
- 
- (24) The greatest 3-digit number is ..... ( 900 or 999 or 100 )
- 
- (25) The smallest 3-digit number is ..... ( 100 or 102 or 111 )
- 
- (26) The greatest number formed from the digits 5 , 6 and 0  
is ..... ( 560 or 605 or 650 )
- 
- (27) The greatest 3-digit number formed from 5 and 2 is .....  
( 520 or 552 or 522 )
- 
- (28) The smallest number formed from the digits 7 , 8 and 0  
is ..... ( 708 or 780 or 870 )



- (29) The greatest 3-digit number formed from 3 and 6 is .....  
( 630 or 663 or 633 )
- 
- (30) 50 tens = ..... hundreds ( 5 or 50 or 500 )
- 
- (31) 70 tens = ..... hundreds ( 7 or 70 or 700 )
- 
- (32) 8 hundreds = ..... tens ( 8 or 80 or 800 )
- 
- (33) 6 hundreds = ..... ones ( 6 or 60 or 600 )
- 
- (34) 400 ones = ..... hundreds ( 4 or 40 or 400 )
- 
- (35) 200 ones = ..... tens ( 2 or 20 or 200 )
- 
- (36) 30 tens = ..... ( 3 or 30 or 300 )
- 
- (37) 9 hundreds = ..... ( 9 or 90 or 900 )
- 
- (38)  $575 < \dots\dots\dots$  ( 574 or 575 or 576 )
- 
- (39)  $200 < \dots\dots\dots$  ( 186 or 201 or 199 )
- 
- (40)  $45 + \dots\dots\dots = 71$  ( 26 or 36 or 24 )
- 
- (41)  $\dots\dots\dots - 38 = 12$  ( 40 or 26 or 50 )
- 
- (42)  $46 - \dots\dots\dots = 34$  ( 12 or 80 or 18 )
- 
- (43) The triangle has ..... sides . ( 3 or 4 or 5 )
- 
- (44) The square has ..... vertices . ( 3 or 4 or 5 )
- 
- (45) The trapezoid has ..... sides . ( 3 or 4 or 5 )
- 
- (46) The rhombus has ..... vertices. ( 4 or 5 or 6 )
- 
- (47) The pentagon has ..... sides . ( 5 or 6 or 7 )
- 
- (48) The hexagon has ..... vertices . ( 4 or 5 or 6 )
- 
- (49) The square - base pyramid has ..... edges . ( 6 or 5 or 8 )
- 
- (50) The cylinder has ..... faces. ( 1 or 2 or 3 )

## Third Answer the following

Write the number



Hundreds +  Tens +  Ones

= .....

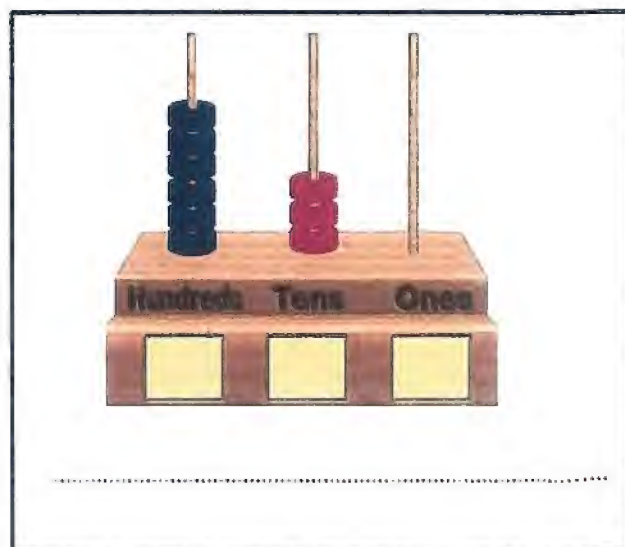
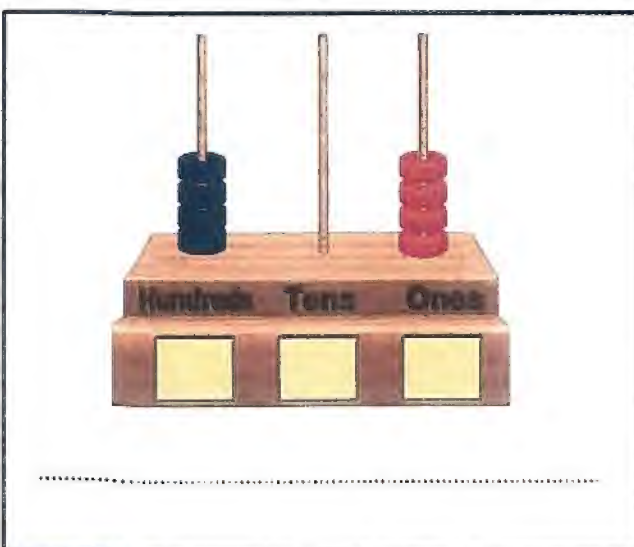
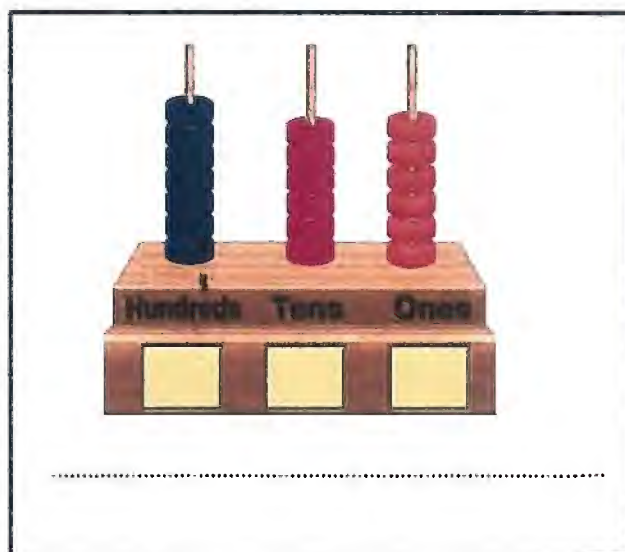
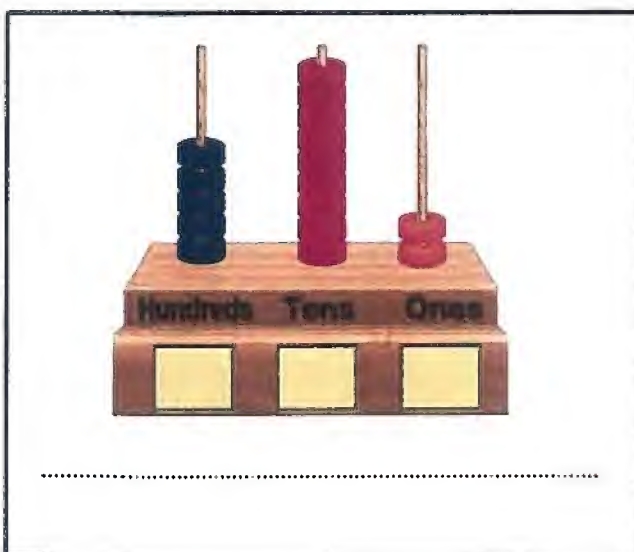
= .....



Hundreds +  Tens +  Ones

= .....

= .....





Write the following Table :

The place			The number	
Hundreds	Tens	Ones	In digits	In words
5	7	2	.....	.....
7	8	0	.....	.....
.....	.....	.....	1 7 9	.....
.....	.....	.....	2 6 4	.....
.....	.....	.....	.....	Nine hundred and sixty two
.....	.....	.....	.....	Two hundred and fifty

Write the value and the place - value of the encircled digit :

The number	The value	The place - value
2 5 8		
2 8 7		
2 3 8		

Complete using < , = or >

254  302

487  492

708  598

387  783

103  103

200 + 50 + 8  258

3 + 80 + 500  385

3 hundreds + 5 ones  350

7 tens + 8 hundreds  780

2 hundreds + 6 ones  2 + 0 + 6

Write all numbers that can be formed from the numbers:

**3**   **7**   **2**

..... , ..... , ..... , ..... , .....

The greatest number is .....

The smallest number is .....

The ascending order : ..... , ..... , ..... , ..... , .....

The descending order : ..... , ..... , ..... , ..... , .....

Arrange each group of the following numbers in  
an ascending order and in a descending order :

356 , 567 , 982 , 214 , 548

The ascending order : ..... , ..... , ..... , ..... , .....

The descending order : ..... , ..... , ..... , ..... , .....

500 , 550 , 50 , 505 , 515

The ascending order : ..... , ..... , ..... , ..... , .....

The descending order : ..... , ..... , ..... , ..... , .....

Find :

<b>3 7</b>	<b>2 3</b>	<b>8 6</b>	<b>2 6</b>	<b>5 9</b>	<b>2 7</b>
<b>+ 5 8</b>	<b>+ 4 7</b>	<b>+ 4</b>	<b>+ 2 4</b>	<b>+ 2 7</b>	<b>+ 2</b>
.....	.....	.....	.....	.....	.....

<b>5 2</b>	<b>7 2</b>	<b>4 6</b>	<b>9 2</b>	<b>7 5</b>	<b>5 3</b>
<b>- 2 5</b>	<b>- 8</b>	<b>- 2 7</b>	<b>- 7</b>	<b>- 3 8</b>	<b>- 6</b>
.....	.....	.....	.....	.....	.....



$$52 + 39 = \dots\dots$$

$$62 - 29 = \dots\dots$$

$$23 + 58 = \dots\dots$$

$$44 - 18 = \dots\dots$$

$$75 + 5 = \dots\dots$$

$$25 - 6 = \dots\dots$$

$$82 + 8 = \dots\dots$$

$$17 - 8 = \dots\dots$$

$$36 + 46 + 17 = \dots\dots$$

$$13 + 63 + 18 = \dots\dots$$

Sama found 72 seashells on the beach. Her sister found 18 seashells. How many seashells did they find in all?

.....

Nehal has LE 75 and Rana has LE 39.  
Find the difference between their money.

.....

The sum of money that Ahmed , Nada and Noha have is LE 83  
If Ahmed has LE 36 and Nada has LE 23.  
How much money do Noha have?

.....

.....

There are 91 balls in a box . 25 balls are red and 39 balls are green. and the rest are blue.  
How many blue balls are there in this box ?

.....

.....

If :  $38 + 26 = 64$  , Then :

$$64 - 26 = \dots\dots\dots$$

$$\dots\dots\dots - 26 = 38$$

$$64 - \dots\dots\dots = 26$$

$$26 + \dots\dots\dots = 64$$

$$\dots\dots\dots + 26 = 64$$

$$64 - 38 = \dots\dots\dots$$

$$\dots\dots\dots - 38 = 26$$

$$64 - \dots\dots\dots = 38$$

$$38 + \dots\dots\dots = 64$$

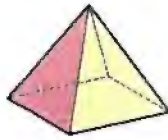
$$\dots\dots\dots + 38 = 64$$

### Complete

- (1) The triangle has ..... sides and ..... vertices.
- (2) ..... and ..... are quadrilaterals with 4 equal sides.
- (3) The rectangle has ..... sides .... of them are long and ..... are short
- (4) The ..... has 4 sides , 2 sides are parallel and 2 are not parallel .
- (5) The ..... has 5 sides and 5 vertices .
- (6) The ..... has 6 sides.
- (7) The ..... has no sides.
- (8) All sides of the square are ..... in length.
- (9) The cube has ..... faces and the shape of each face is .....
- (10) The number of vertices of the cube is .....
- (11) The number of edges of cube is .....
- (12) The rectangular prism has ..... edges , ..... vertices and  
..... faces , each face is a .....
- (13) The square-based pyramid has ..... edges , ..... vertices and  
..... faces , ..... face is a ..... and ..... faces are triangles
- (14) ..... has no edges , no vertices and 1 curved face.



Write the name of each shape



.....



.....



.....



.....



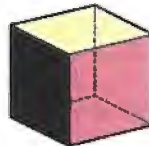
.....



.....



.....



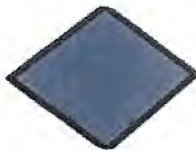
.....



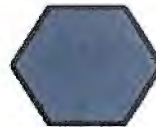
.....



.....



.....

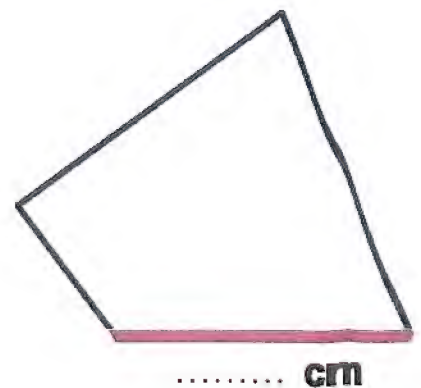
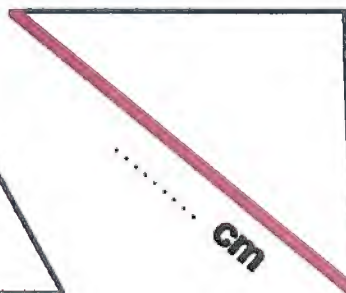
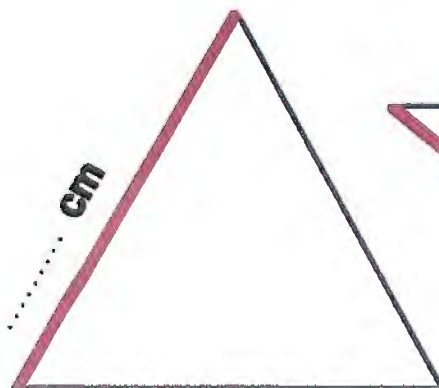


.....



.....


Measure the side length using the ruler :



Decide which would be the best unit of measurement for weighing each object. Circle your answer.


grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)




grams (gm)

kilograms (kg)



grams (gm)

kilograms (kg)



Marwa has 1 dog that weighs 15 kilogram and 1 cat that weighs 7 kilogram.

How much do both of marwa's pets weigh together ?


$$\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

Yara bought a bag of flour that weighed 20 kilograms. She made cookies and used 5 kilograms of sugar. How many grams of flour does Yara have left ?

$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$


Decide the activity happens in the a.m. or p.m. Circle the answer :

Eat breakfast




a.m. or p.m.

Practice basketball



a.m. or p.m.

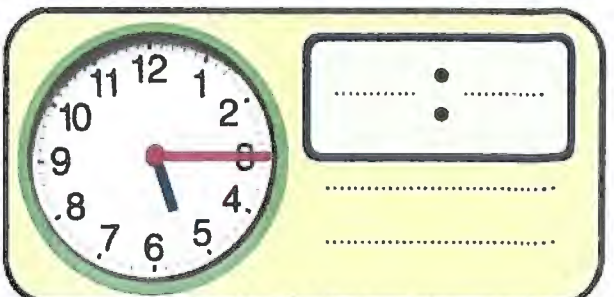
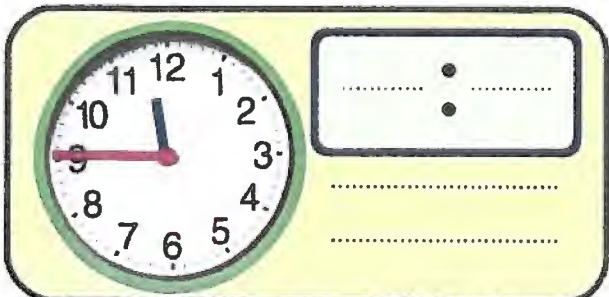
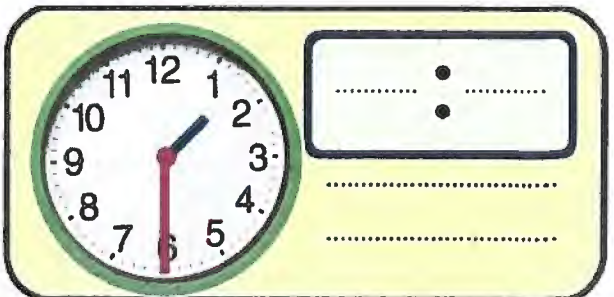
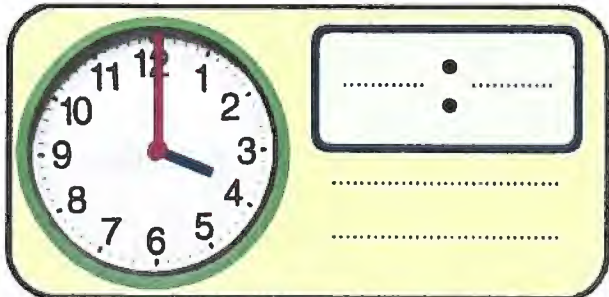
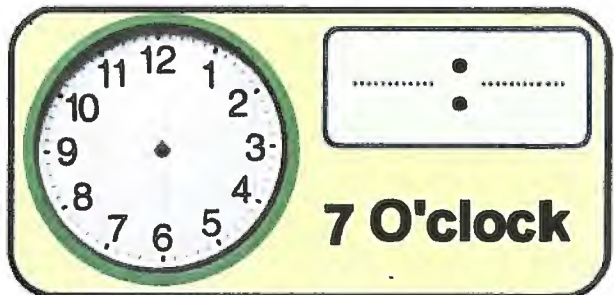
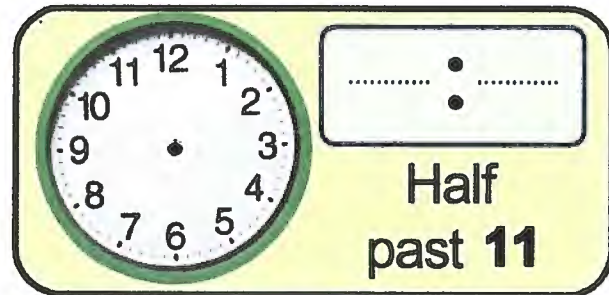
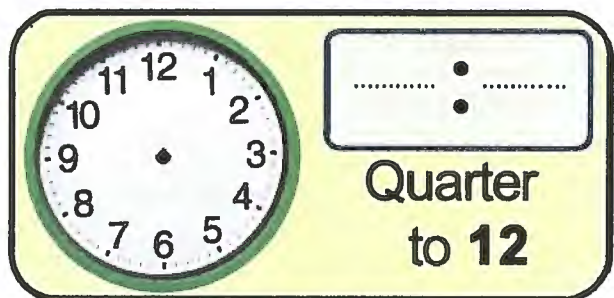
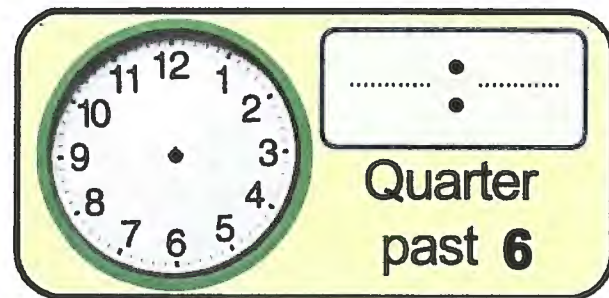
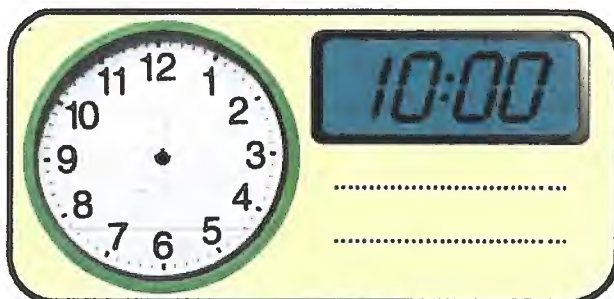
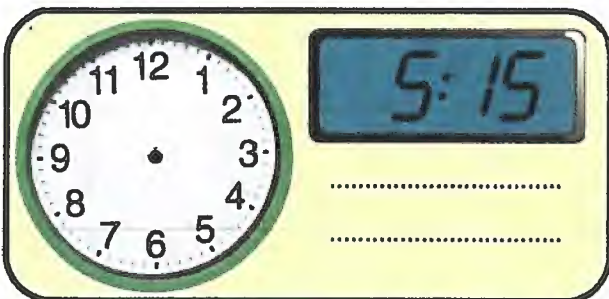
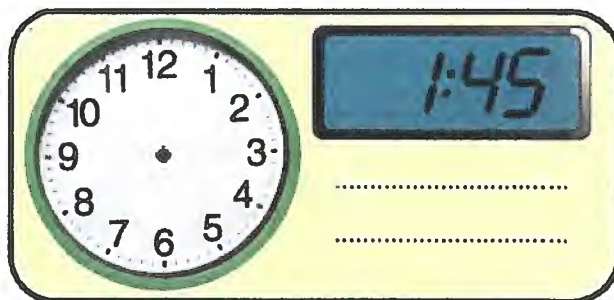
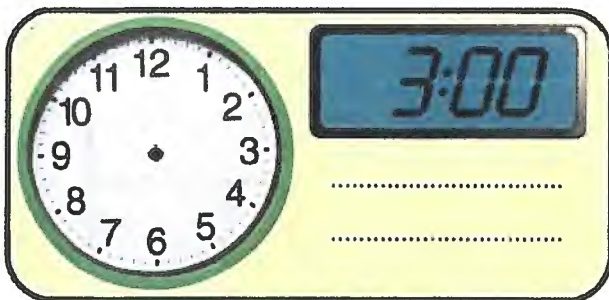
Read a bedtime story



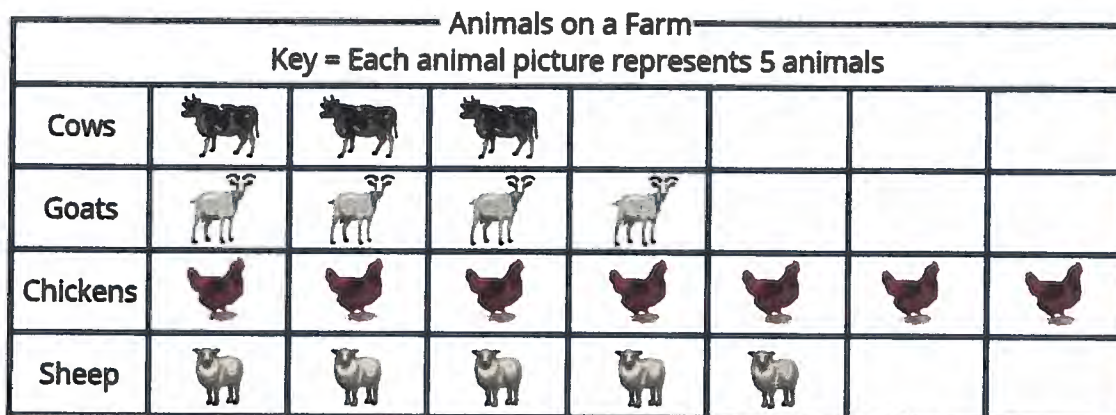
a.m. or p.m.



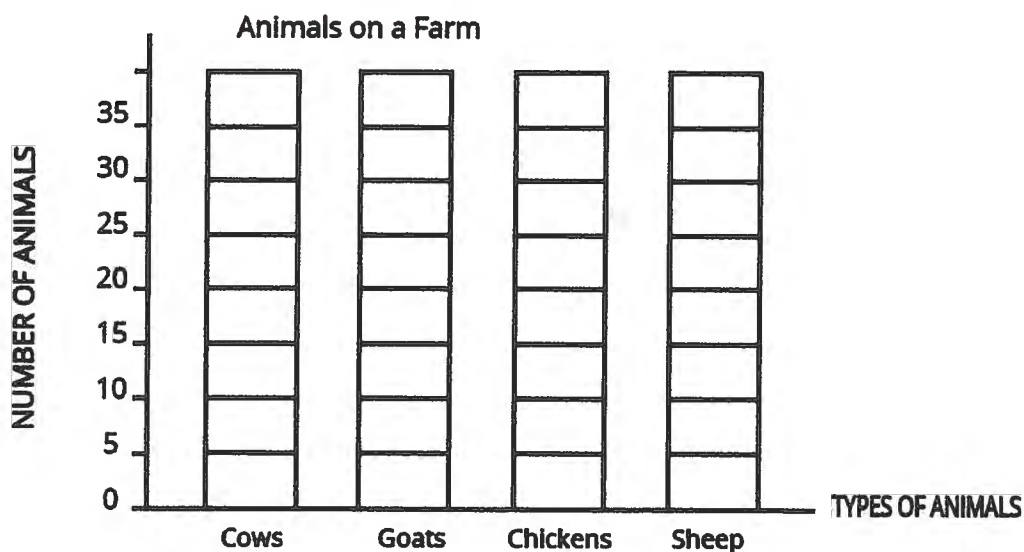
# Complete :



Look at the animals on a farm pictograph then answer :



TYPES OF ANIMALS	Cows	Goats	Chickens	Sheep
NUMBER OF ANIMALS				



How many cows are there on the farm ? .....

How many goats and chickens on the farm ? .....

What is the most type of animals on the farm? .....

What is the least type of animals on the farm? .....



# MODEL 1

## First : Choose the correct answer :

- (1) Six hundred and six = ..... ( 606 or 660 or 616 )
- (2) The value of the digit 3 in 736 is ..... ( 3 or 30 or 300 )
- (3)  $5 + 700 + 30 = \dots\dots\dots$  ( 573 or 753 or 735 )
- (4)  $72 - \dots\dots\dots = 36$  ( 36 or 44 or 108 )
- (5) The greatest 3-digit number is ..... ( 900 or 100 or 999 )

## Second : Complete the following :

- (1) The place-value of the digit 0 in 708 is .....
- (2) The number that comes right after 789 is .....
- (3) 7 hundreds + 5 ones + 6 tens = .....
- (4) The greatest number formed from 8 , 4 and 6 is .....
- (5) The cube has ..... edges.

## Third : Answer the following :

- (1) Find the result :

$\begin{array}{r} 57 \\ + 29 \\ \hline \dots\dots\dots \end{array}$	$\begin{array}{r} 38 \\ + 38 \\ \hline \dots\dots\dots \end{array}$	$\begin{array}{r} 95 \\ - 47 \\ \hline \dots\dots\dots \end{array}$	$\begin{array}{r} 64 \\ - 38 \\ \hline \dots\dots\dots \end{array}$	$\begin{array}{r} 70 \\ - 9 \\ \hline \dots\dots\dots \end{array}$
---------------------------------------------------------------------	---------------------------------------------------------------------	---------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------

- (2) Complete using ( < , = or > ) :

$456$ <input style="width: 50px; border: 1px solid black;" type="text"/> $654$	$5 \text{ hundreds} + 7 \text{ tens}$ <input style="width: 50px; border: 1px solid black;" type="text"/> $500 + 7$
$320$ <input style="width: 50px; border: 1px solid black;" type="text"/> $32 \text{ tens}$	$35 + 28$ <input style="width: 50px; border: 1px solid black;" type="text"/> $53$

- (3) Rodina has LE 45 and Sama has LE 29.

How much money do they have together ?

.....

**First : Choose the correct answer :**

- (1) The smallest 3-digit number is ..... ( 999 or 102 or 100 )
- (2) The number comes after 709 is ..... ( 710 or 708 or 609 )
- (3) 7 ones + 3 hundreds = ..... ( 730 or 307 or 370 )
- (4)  $49 + \dots = 60$  ( 11 or 21 or 109 )
- (5) The number of faces of cube is ..... ( 12 or 6 or 8 )

**Second : Complete the following :**

- (1) The value of the digit 8 in the number 823 is .....
- (2) 803 ( in words ) is .....
- (3)  $8 + 70 + 900 = \dots$
- (4)  $73 - 18 = \dots$
- (5) The number of sides of the square is ..... sides.

**Third : Answer the following :**

- (1) Arrange the following numbers in a descending order :

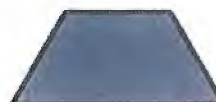
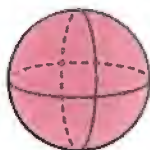
802 , 208 , 820 , 280 , 288

..... , ..... , ..... , ..... , .....

- (2) Complete using ( < , = or > ) :

450	<input type="text"/>	504	Two hundred and two	<input type="text"/>	220
600	<input type="text"/>	60 tens	$28 + 39$	<input type="text"/>	57

- (3) Write the name of each shape:





**MODEL 3**

**First : Choose the correct answer :**

- (1) The value of the digit 0 in 709 is ..... ( 0 or 10 or 100 )
- (2) The triangle has ..... vertices ( 5 or 3 or 0 )
- (3) Four hundred and forty = ..... ( 414 or 404 or 440 )
- (4) ..... - 45 = 12 ( 57 or 33 or 66 )
- (5)  $56 + 24$   80 tens ( < or = or > )

**Second : Complete the following :**

- (1) The number that comes right after 699 is .....
- (2) 6 hundreds + 5 tens + 4 ones = .....
- (3)  $90 + 0 + 5 =$  .....
- (4)  $93 - 56 =$  .....
- (5) The number of vertices of the square-base pyramis .....

**Third : Answer the following :**

- (1) Arrange the following numbers in an ascending order :

605 , 506 , 650 , 560 , 566

..... , ..... , ..... , ..... , .....

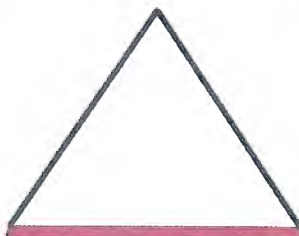
- (2) Dina had LE 72, She bought a T-shirt for LE 56 .  
How much money were left ?

.....

- (3) Use the ruler to measure the length of the red side:



..... cm



..... cm



..... cm

**First : Choose the correct answer :**

- (1) 7 hundreds + 2 tens + 9 ones = ..... ( 729 or 927 or 279 )  
 (2) The rectangle has ..... sides ( 3 or 4 or 5 )  
 (3)  $97 - 25$    $36 + 36$  ( < or = or > )  
 (4) ..... + 17 = 43 ( 50 or 60 or 26 )  
 (5) 70 tens = ..... hundreds ( 7 or 70 or 700 )

**Second : Complete the following :**

- (1) The smallest 3-digit number that formed from 6 and 2 is .....  
 (2) The sphere has ..... curved face  
 (3) The place-value of the digit 3 in the number 723 is .....  
 (4) The number that comes right after 609 is .....  
 (5) 704 , 703 , 702 , ..... , ..... , .....

**Third : Answer the following :**

- (1) Write all numbers that can be formed from the digits 5 , 2 and 1 , then complete :

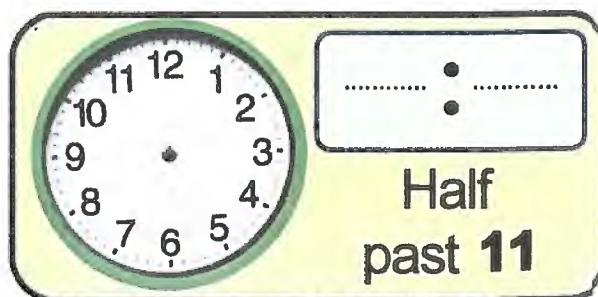
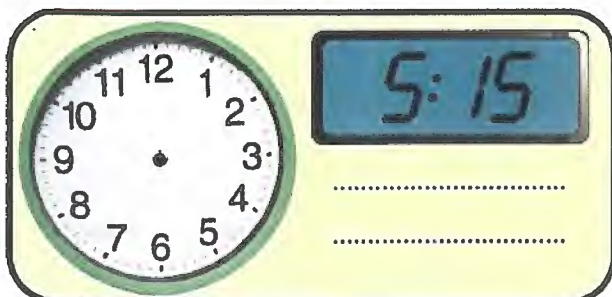
..... , ..... , ..... , ..... , ..... , .....

The greatest number is ..... The smallest number is .....

- (2) Khalid has 45 marbles , and his sister has 29 marbles.  
 Find the difference between the number of marbles that Khalid has and that his sister has

.....

- (3) Complete:





# MODEL 5

**First : Find the result :**

$$\begin{array}{r} 45 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 19 \\ + 27 \\ \hline \end{array}$$

**Second : Complete the following :**

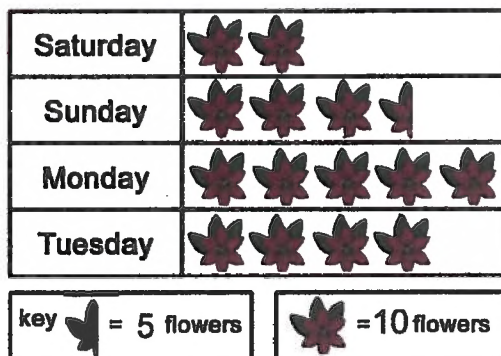
- (1) The greatest 3-digit number that formed from 5 and 7 is .....
- (2) The smallest 3-different- digit number is .....
- (3) The value of the digit 0 in the number 604 is .....
- (4) The number ..... comes right after 500.
- (5) The time on the opposite watch is , .....



**Third : Answer the follwing :**

- (1) Lamar has LE 95 , She bought a T-shirt for LE 42 , and a ball for LE 36 ,  
How much money were left with her ?  
.....  
.....

- (2) Look at the Pick a Flower pictograph and then answe :



The day	The number of flowers
Saturday	
Sunday	
Monday	
Tuesday	

- a) How many flowers were picked on Tuesday ? .....
- b) How many more flowers were picked on Sunday than Saturday ?  
.....
- c) Which day had the most number of flowers picked ? .....
- d) Which day had the least number of flowers picked ? .....

# How to use 120 chart in addition and subtraction

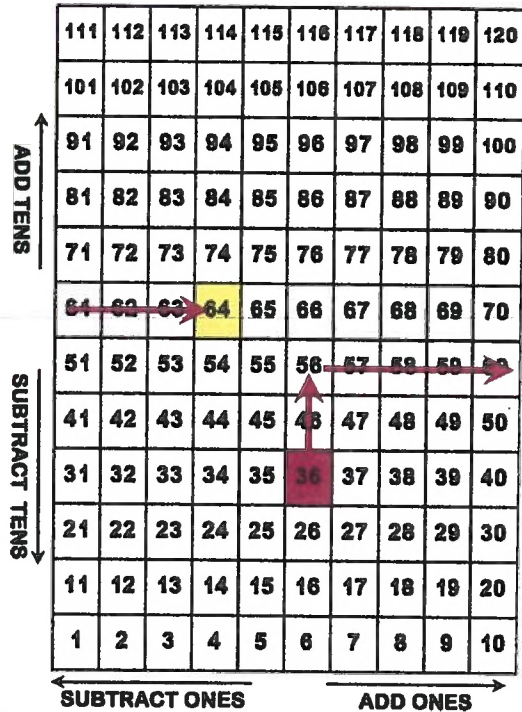
**To add  $36 + 28$**

**1 Start from 36.**

**2 move 2 steps up  
( Add Tens )**

**3 move 8 steps right  
( Add Ones )**

**120 CHART**



**OR**

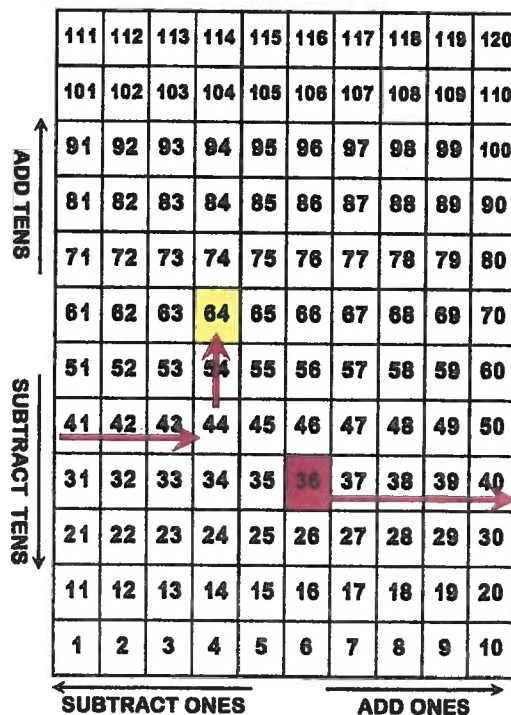
**To add  $36 + 28$**

**1 Start from 36.**

**2 move 8 steps right  
( Add Ones )**

**3 move 2 steps up  
( Add Tens )**

**120 CHART**





To Subtract  $78 - 45$

1

Start from **78**

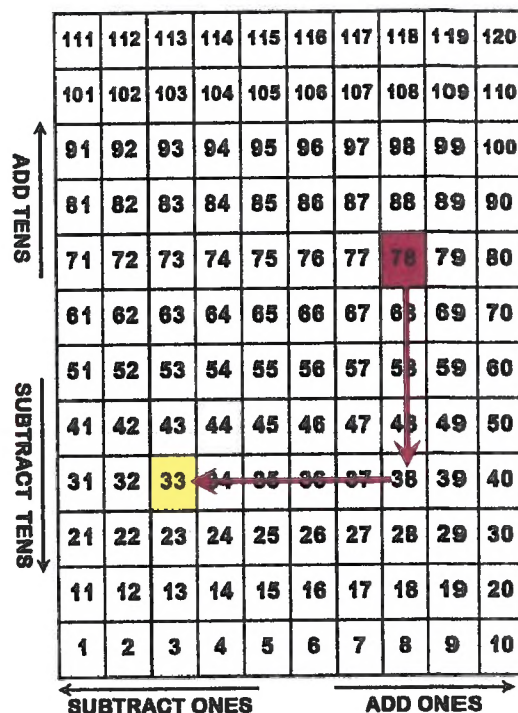
2

Move 4 steps down  
( **Subtract Tens** )

3

Move 5 steps left  
( **Subtract Ones** )

120 CHART



OR

To Subtract  $78 - 45$

1

Start from **78**

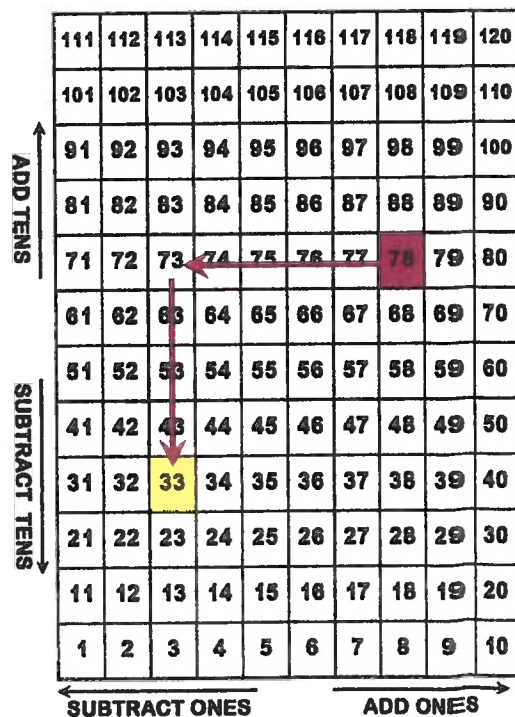
2

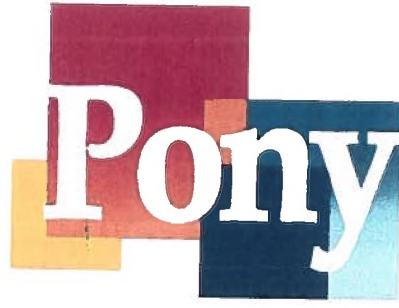
Move 5 steps left  
( **Subtract Ones** )

3

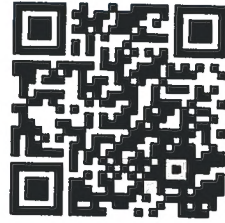
Move 4 steps down  
( **Subtract Tens** )

120 CHART





facebook



**PONY in mathematics**

المبيعات و الدعم الفني



**0100 42 010 98**

**0122 98 23 45 1**

**015 50 600 366**